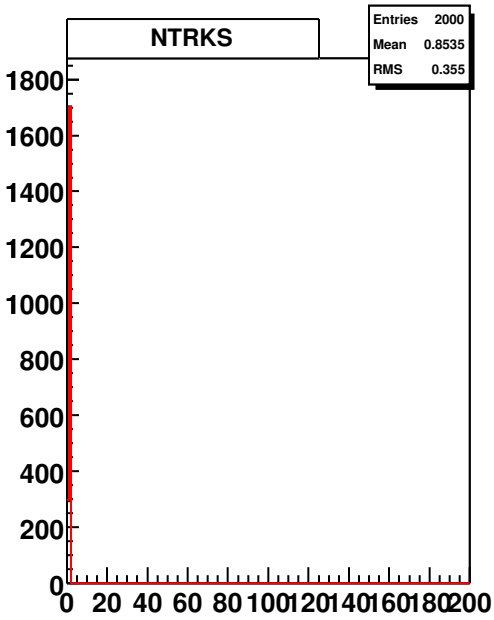
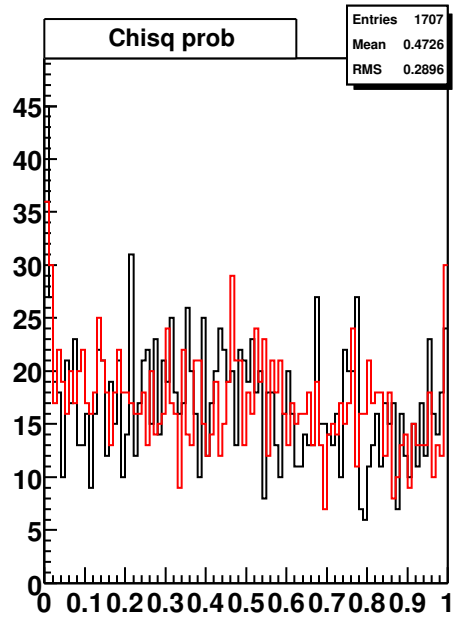
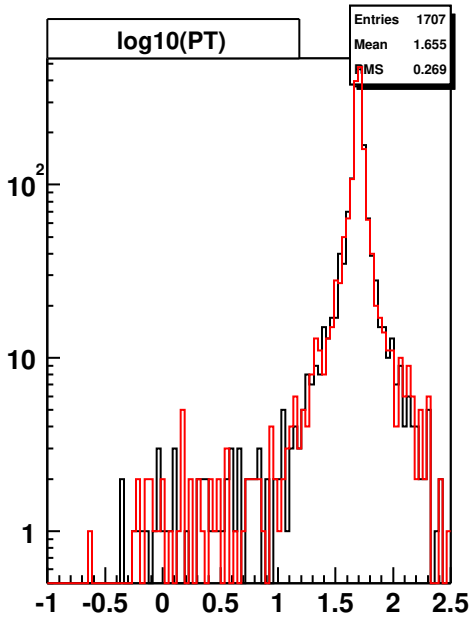
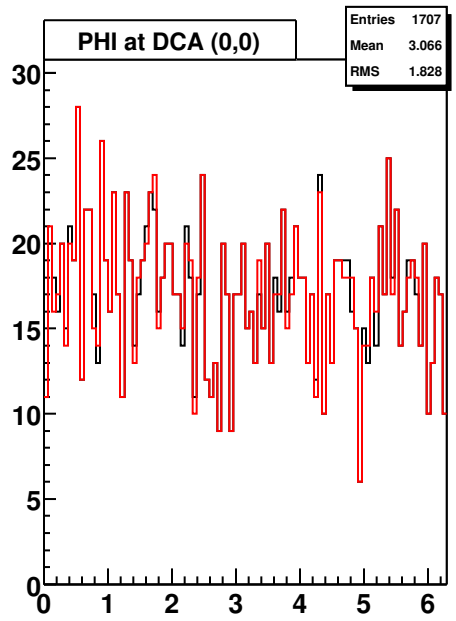
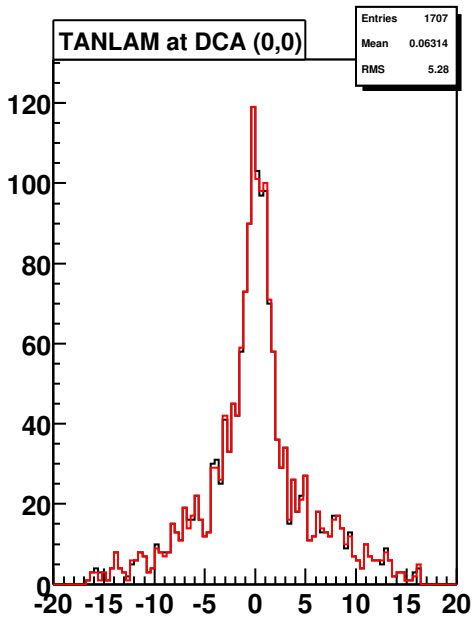
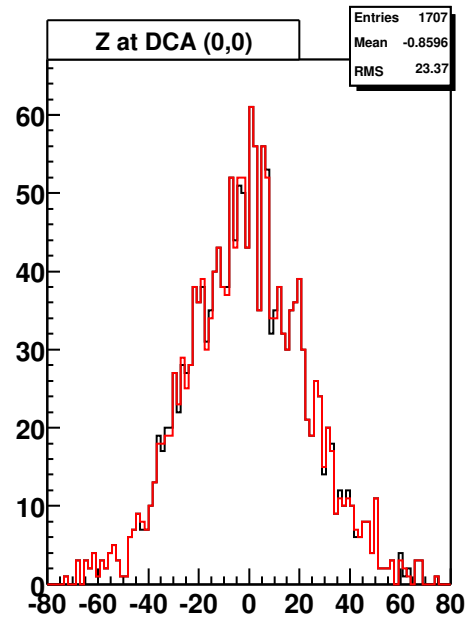

NTRKS
Entries 2000
Mean 0.8535
RMS 0.355

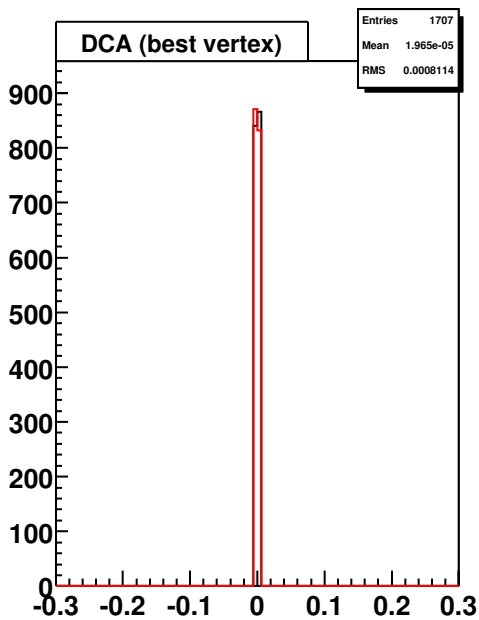

Chisq prob
Entries 1707
Mean 0.4726
RMS 0.2896

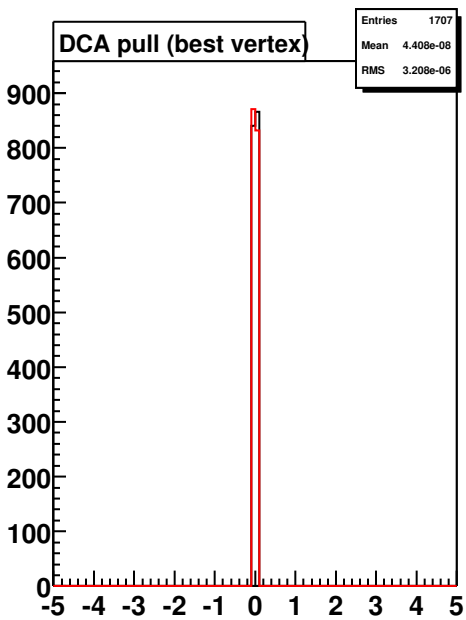

log10(PT)
Entries 1707
Mean 1.655
RMS 0.269


PHI at DCA (0,0)
Entries 1707
Mean 3.066
RMS 1.828

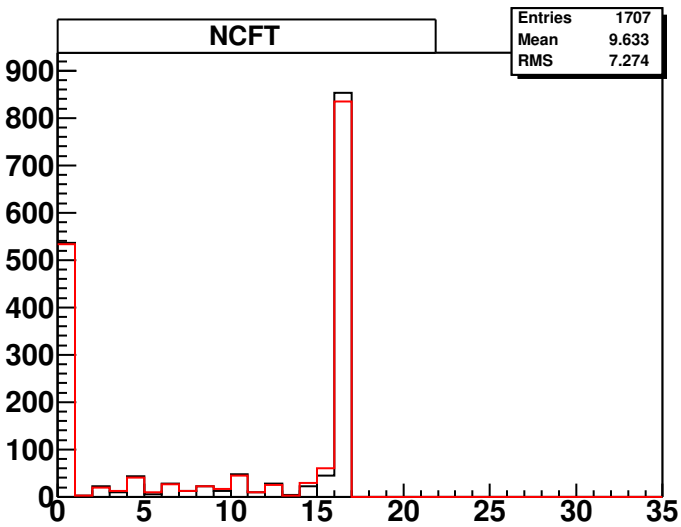

TANLAM at DCA (0,0)
Entries 1707
Mean 0.06314
RMS 5.28

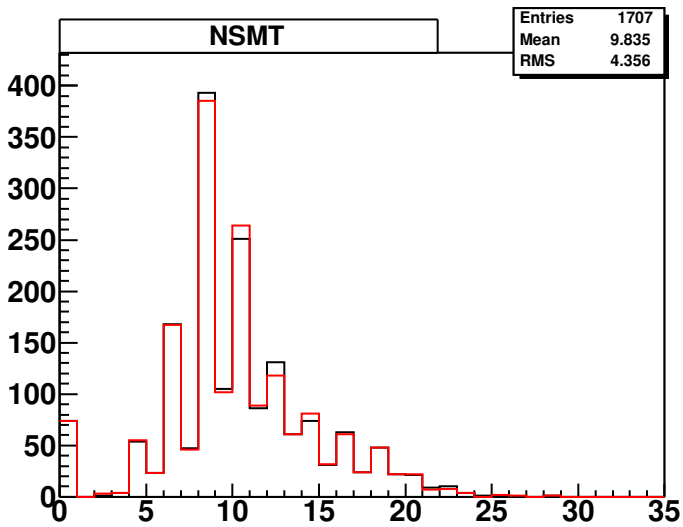

Z at DCA (0,0)
Entries 1707
Mean -0.8596
RMS 23.37

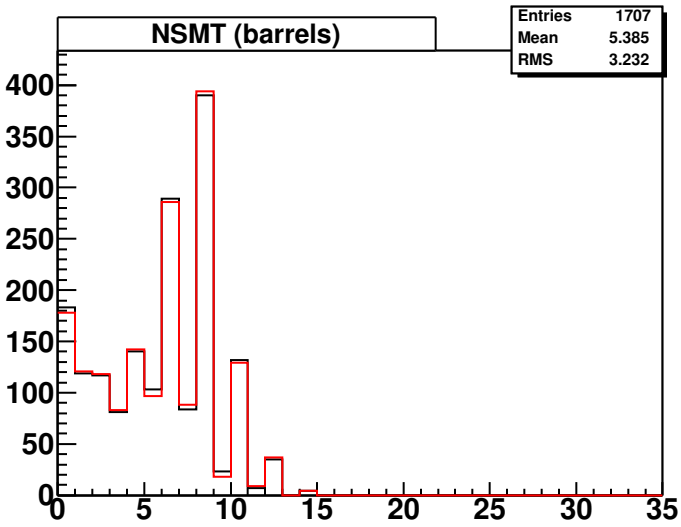

DCA (best vertex)
Entries 1707
Mean 1.965e-05
RMS 0.0008114

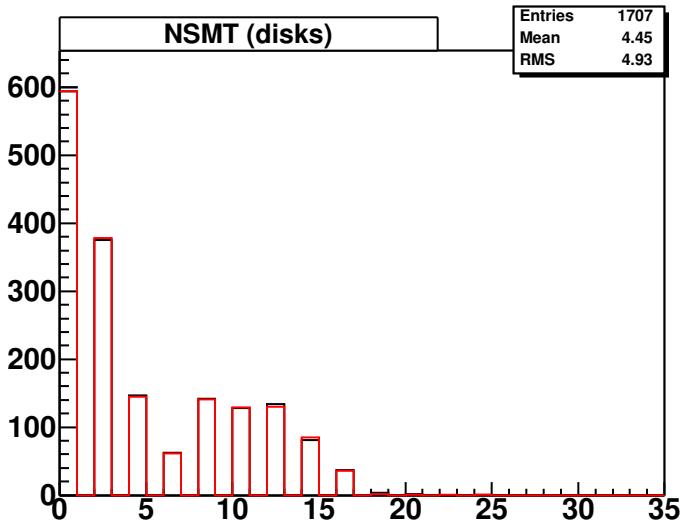

DCA pull (best vertex)
Entries 1707
Mean 4.408e-08
RMS 3.208e-06

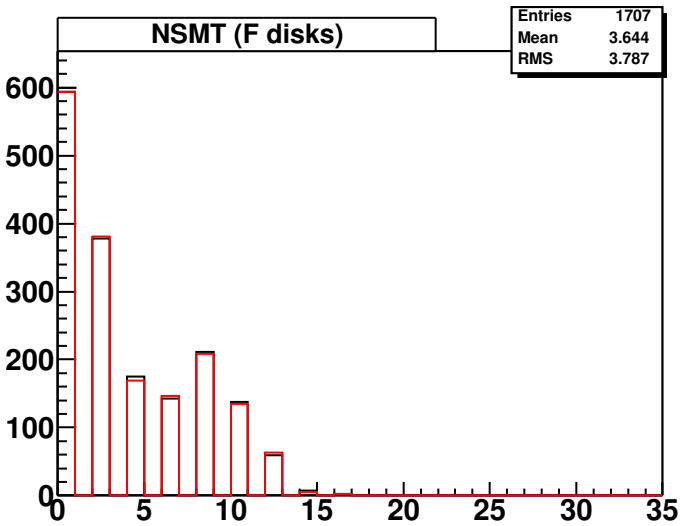
Tracks (All)

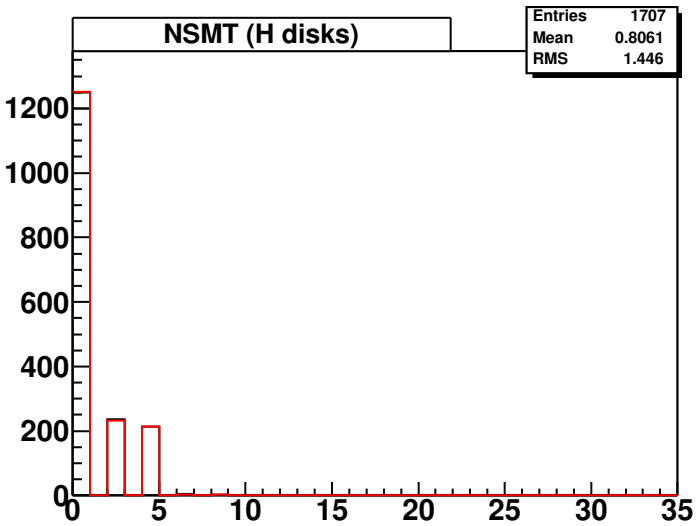




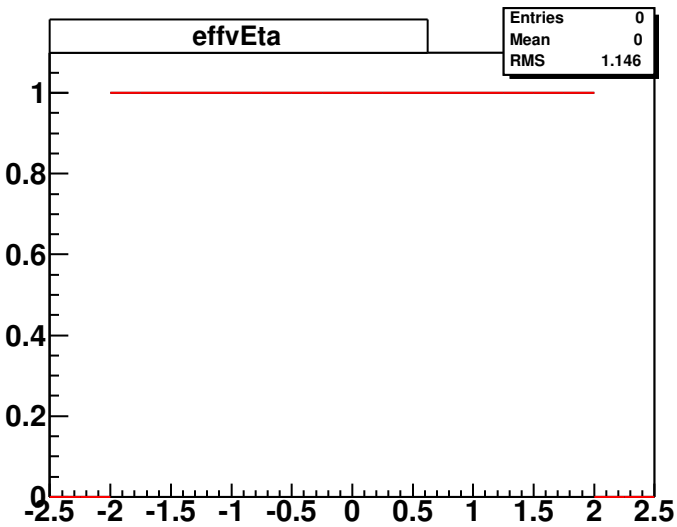


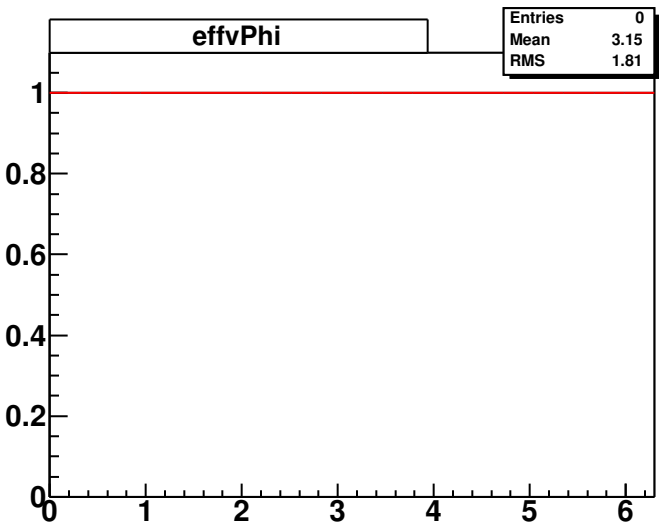


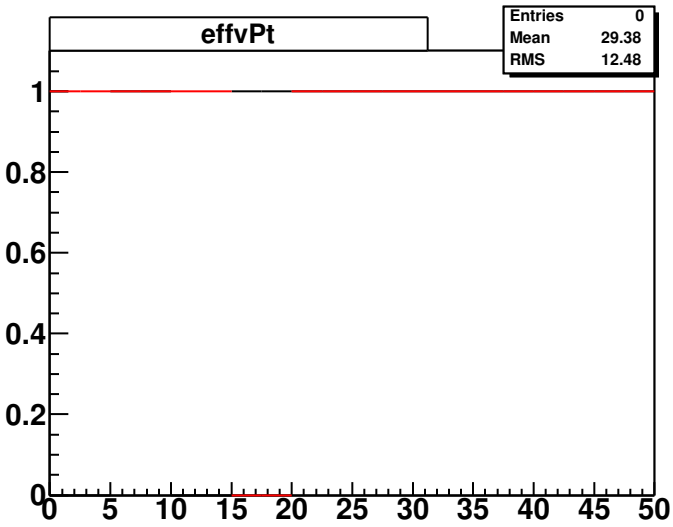


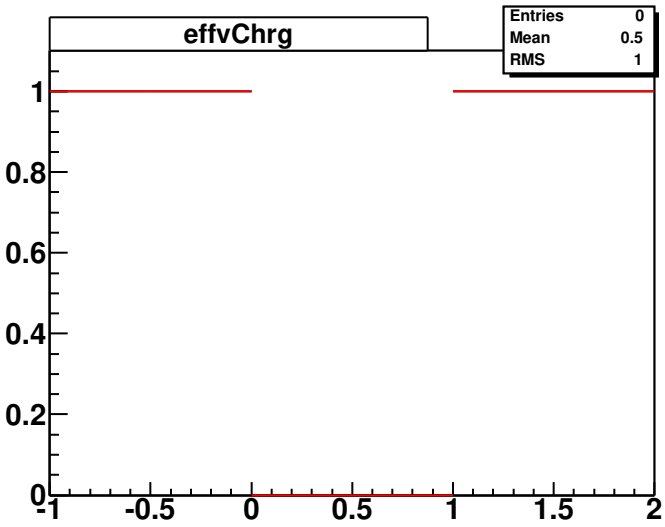


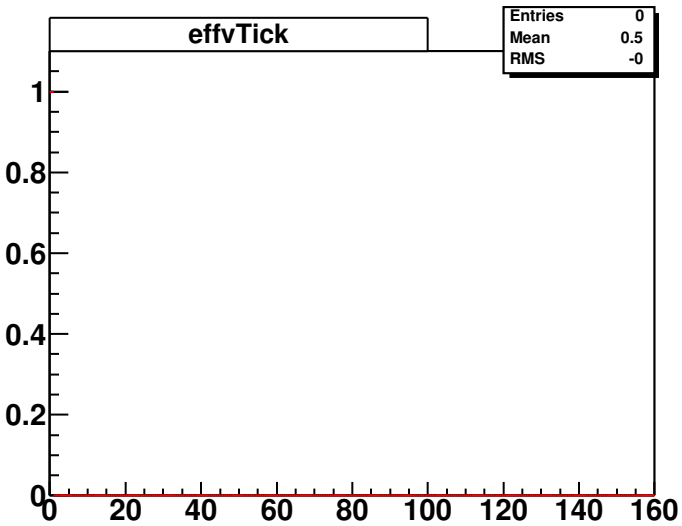
Track Hits (All)

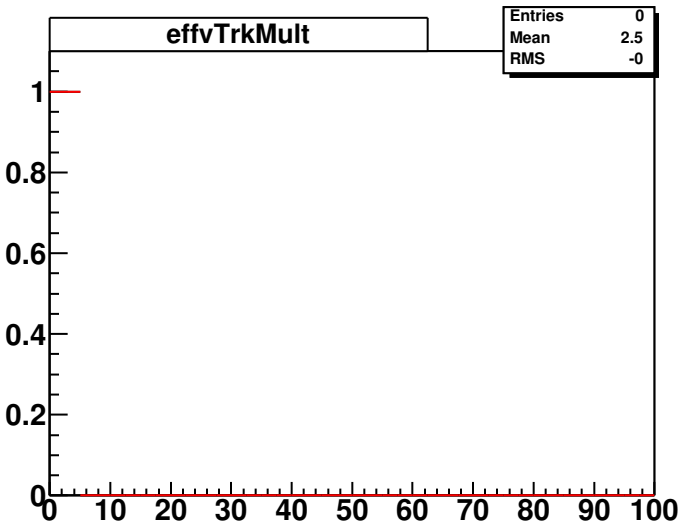




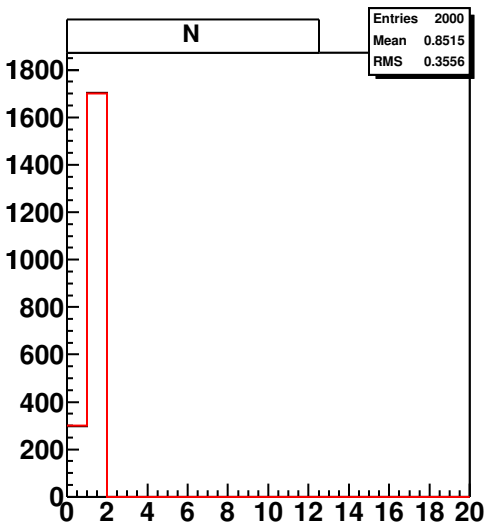


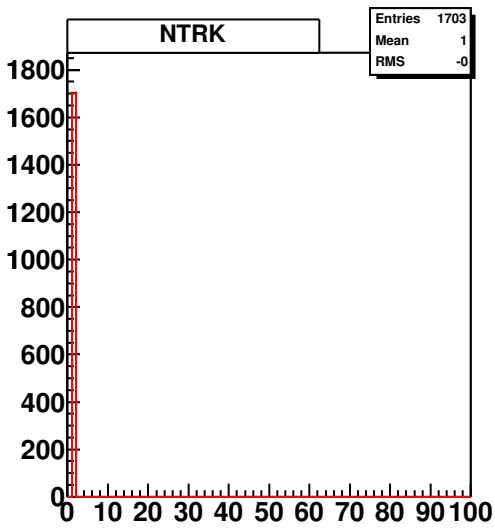


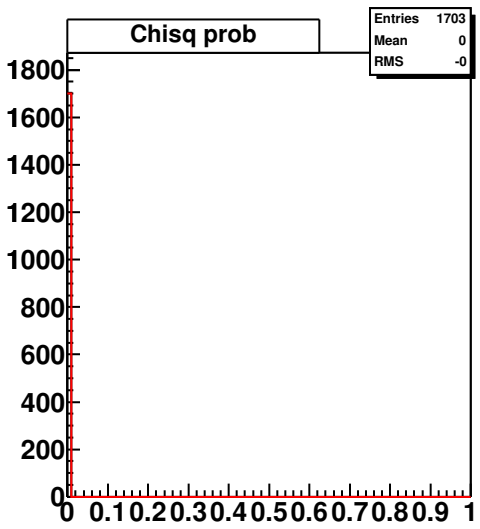


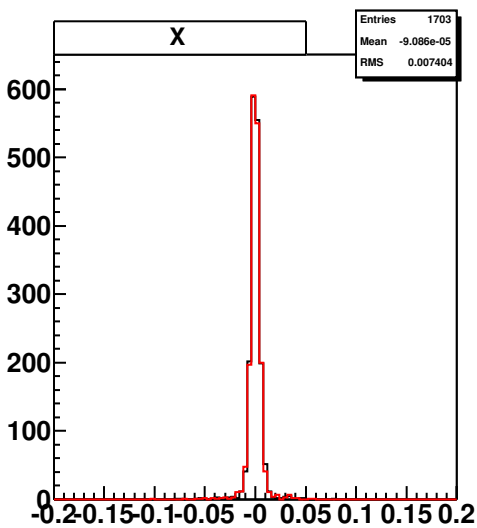


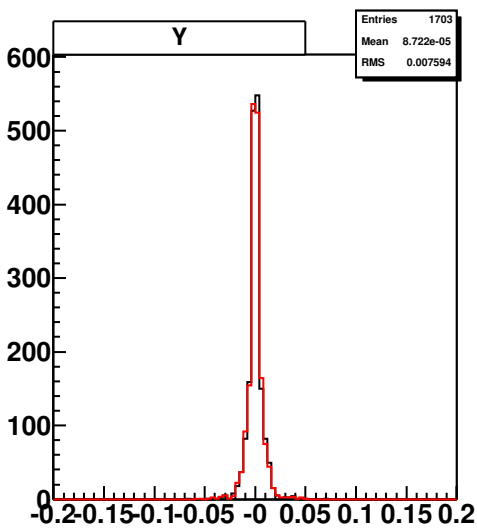
Tracking (Efficiency)

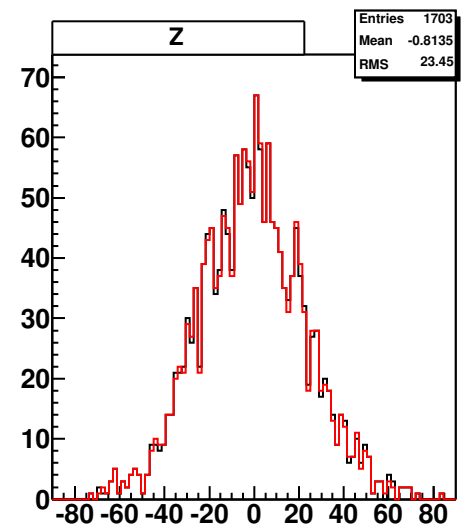


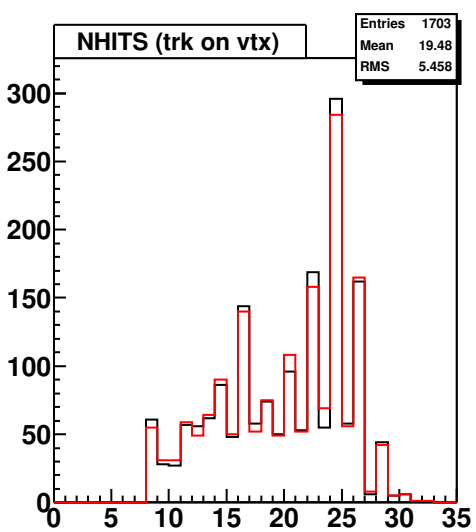


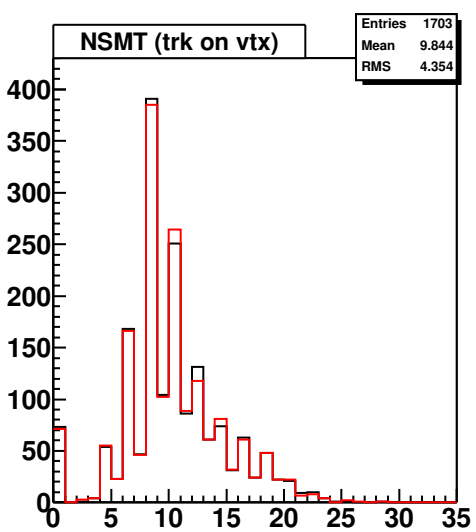


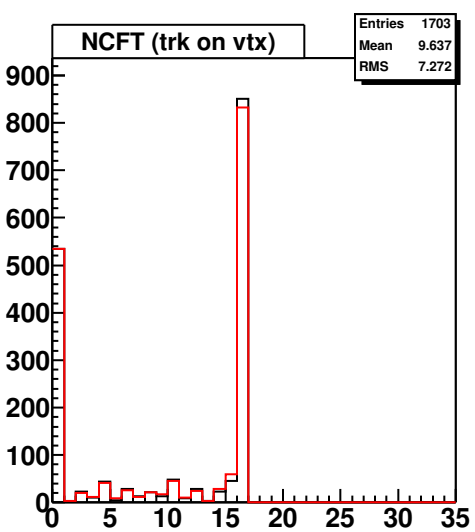




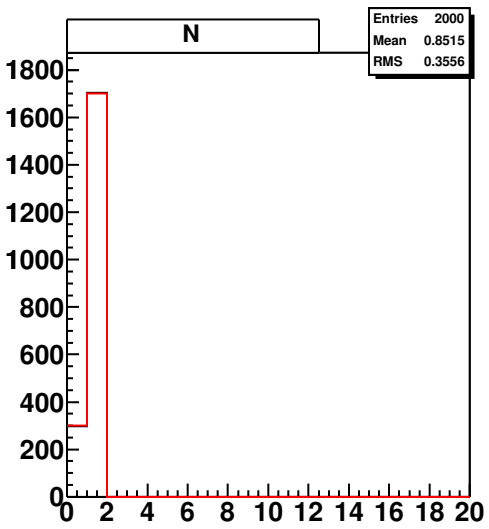


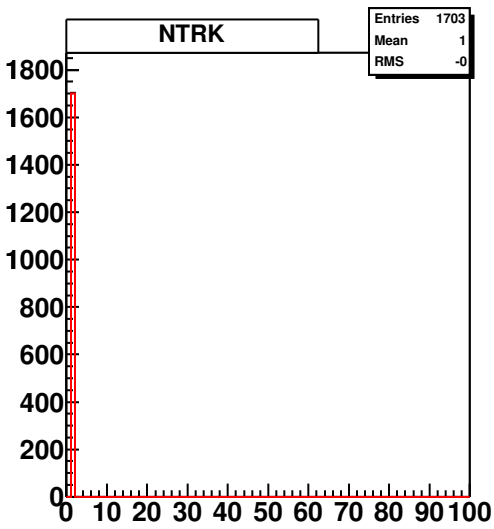


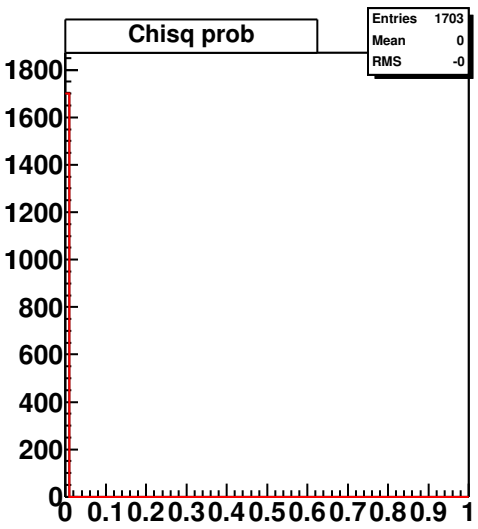


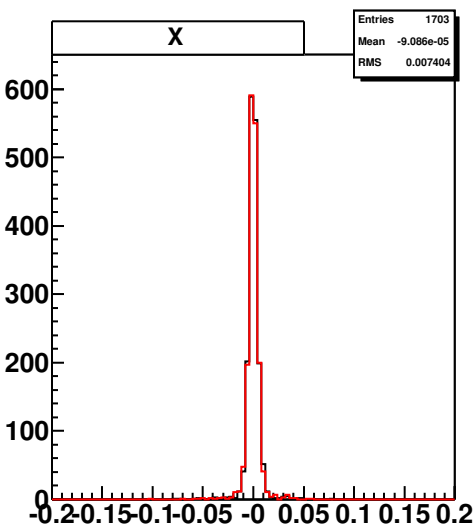


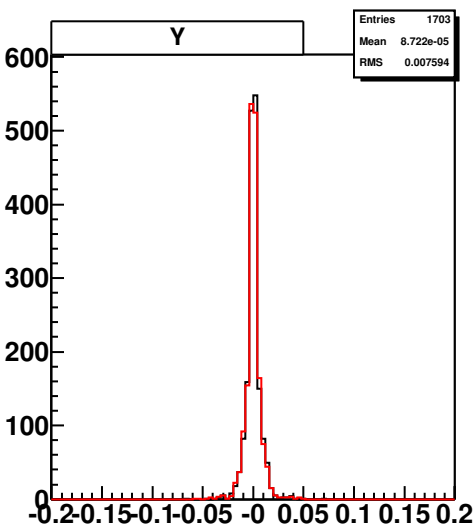
Vertices (Primary - all candidates)

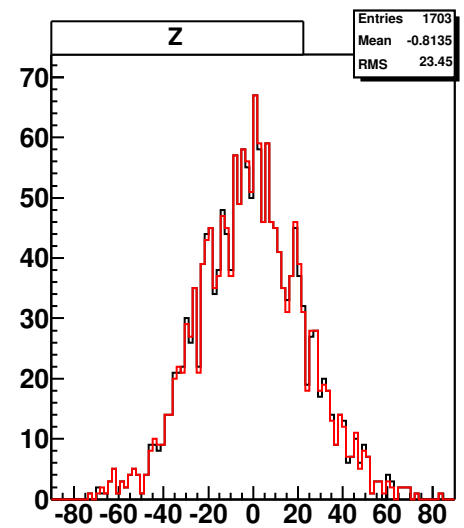


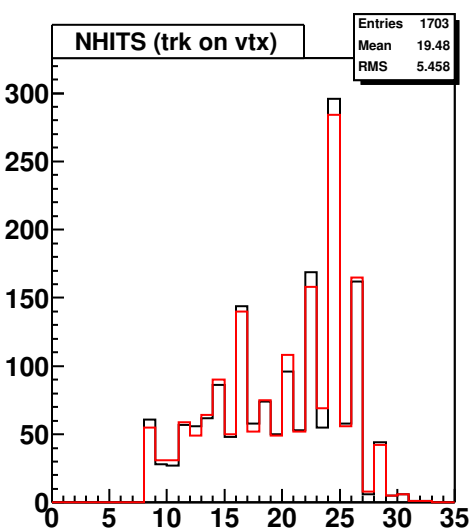


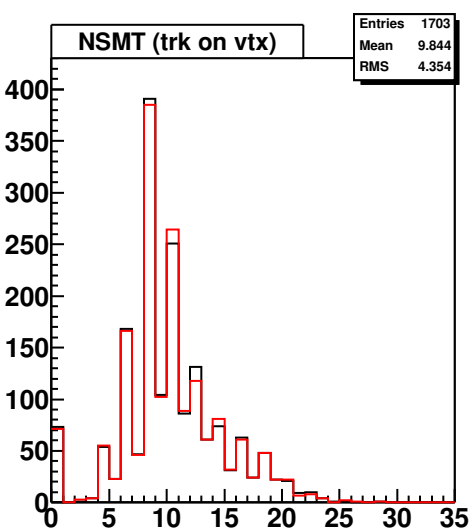


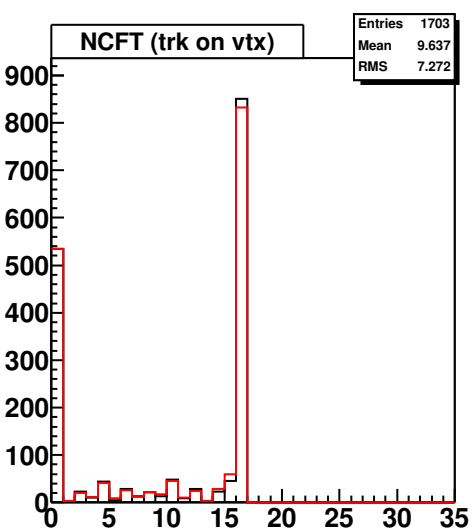




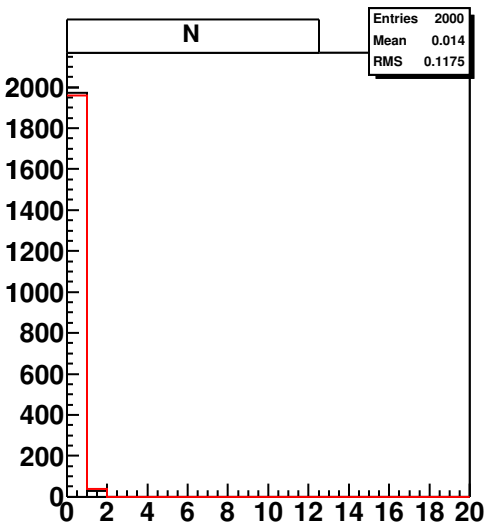


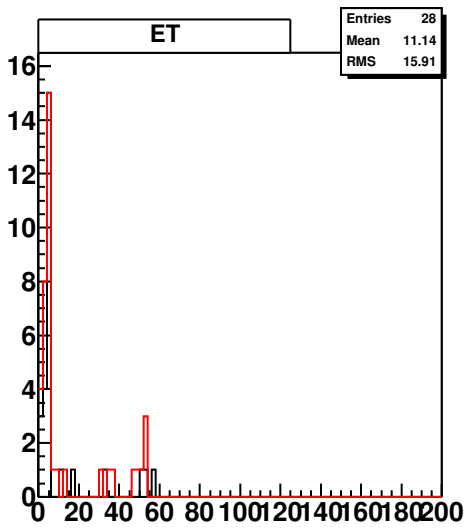


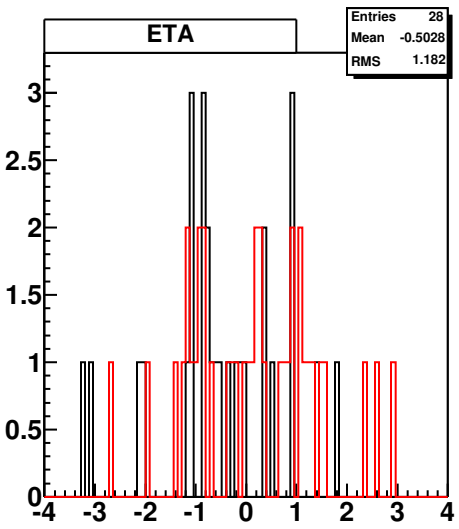


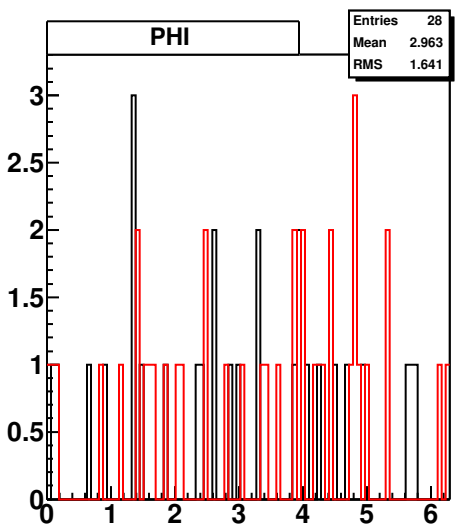


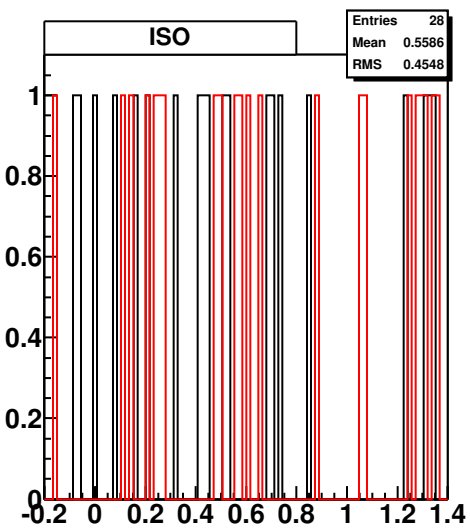
Vertices (Primary - best)

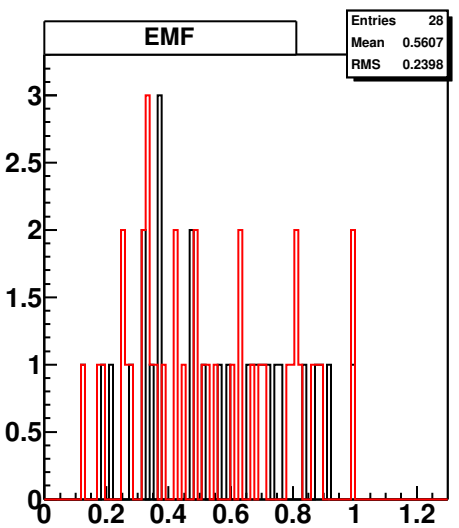


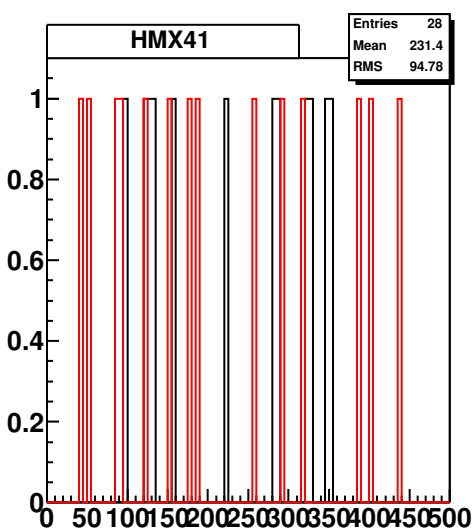


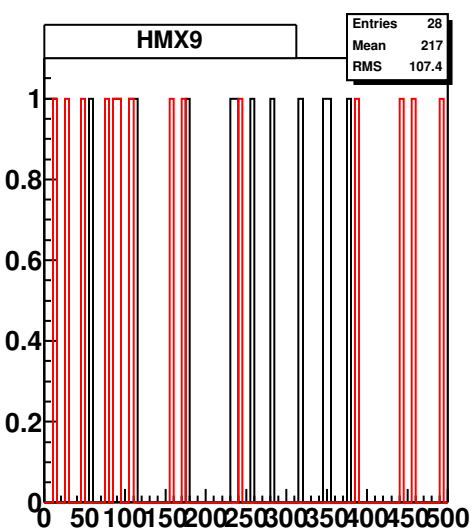


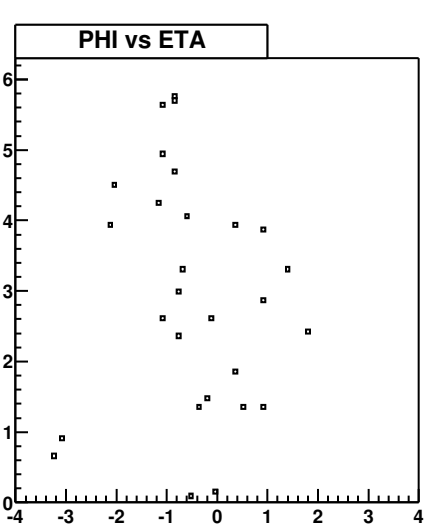




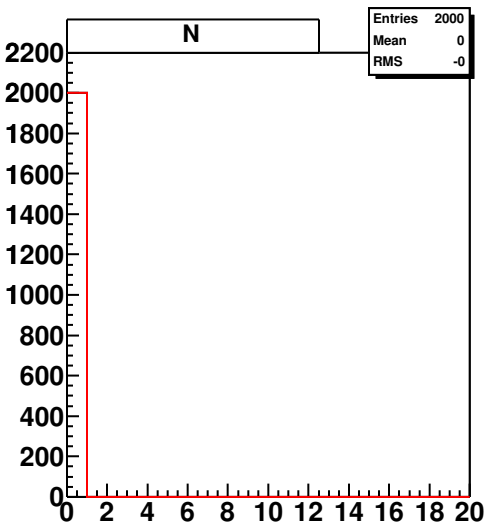


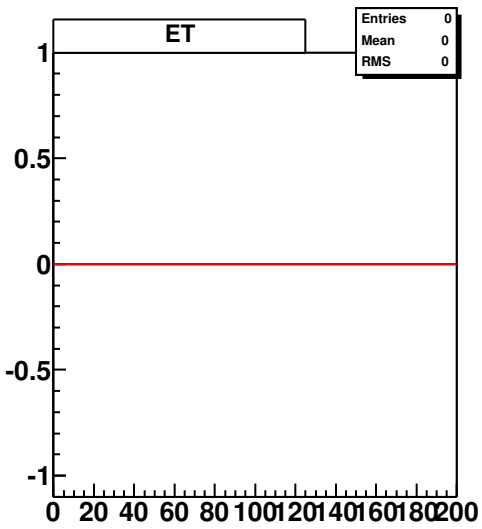


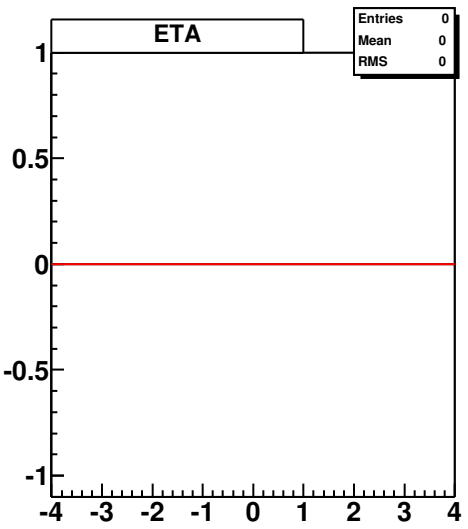


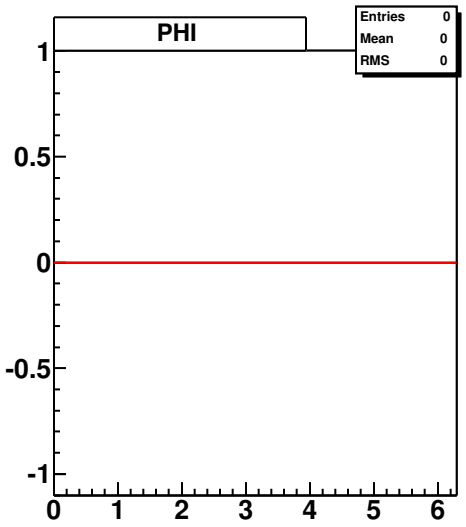


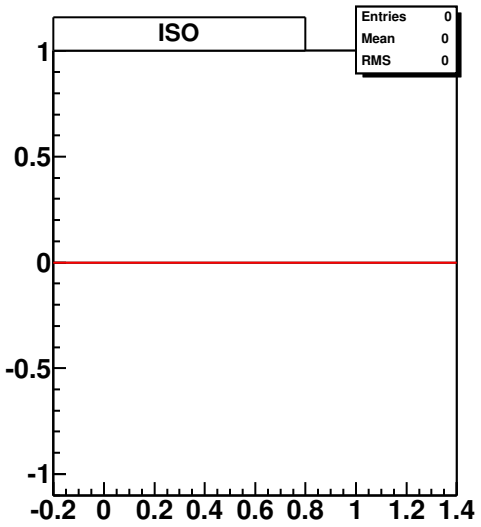
Electrons (SCONE All)

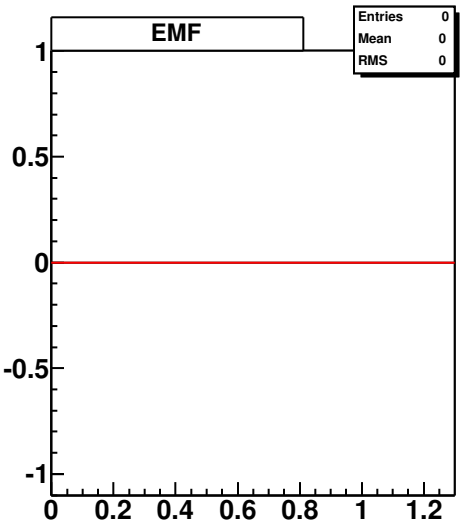


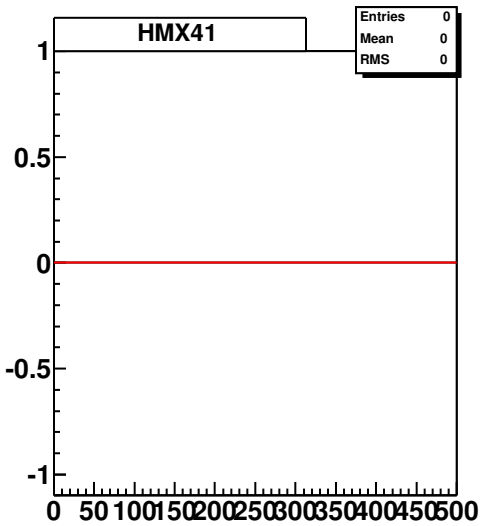


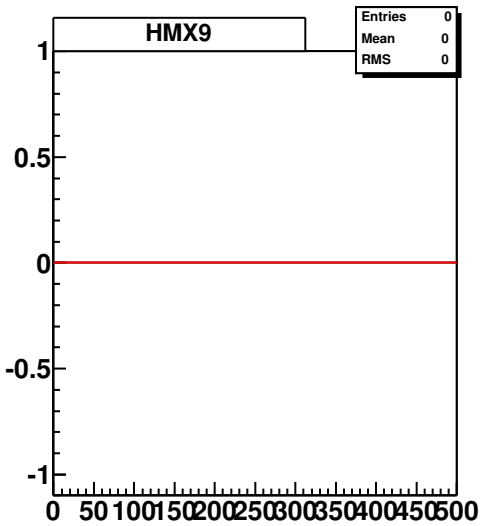


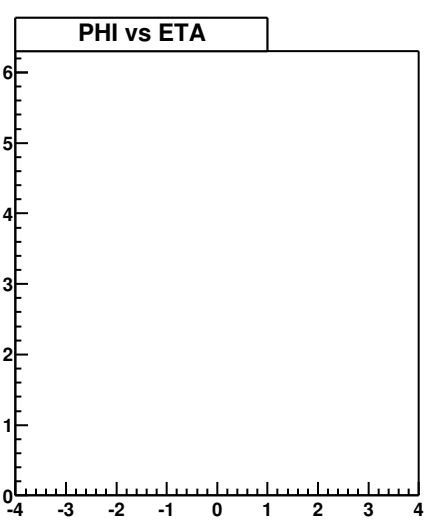




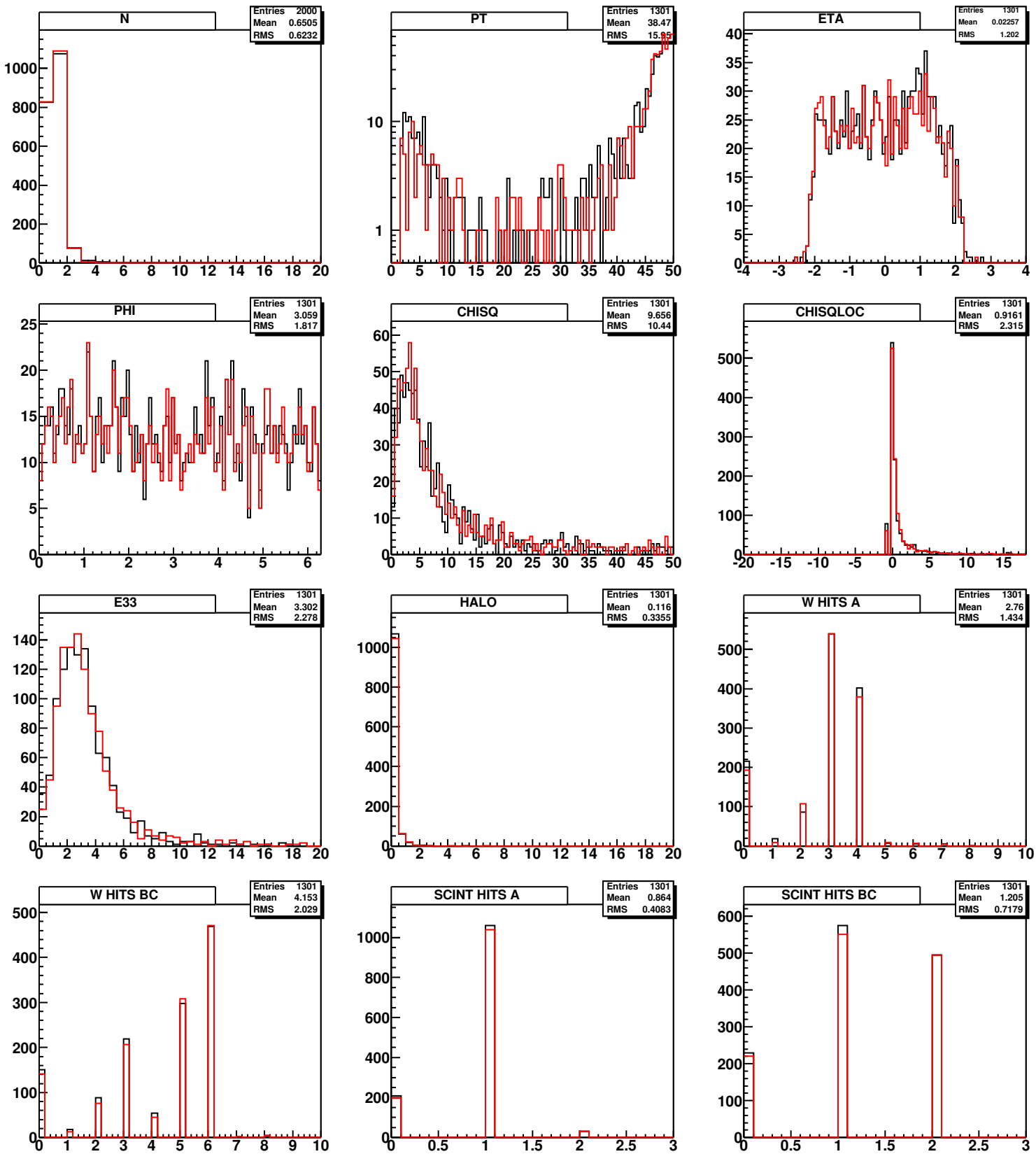




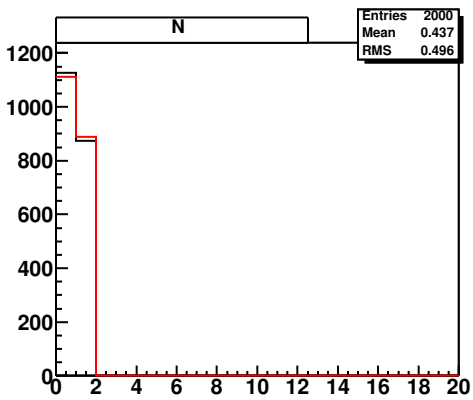


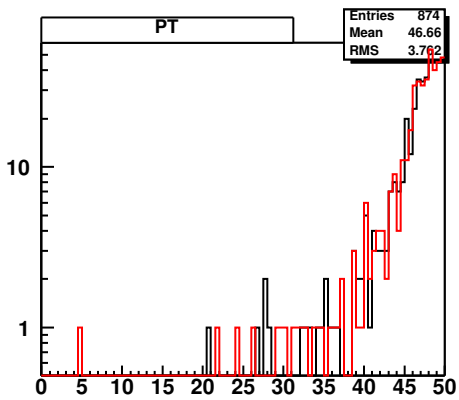


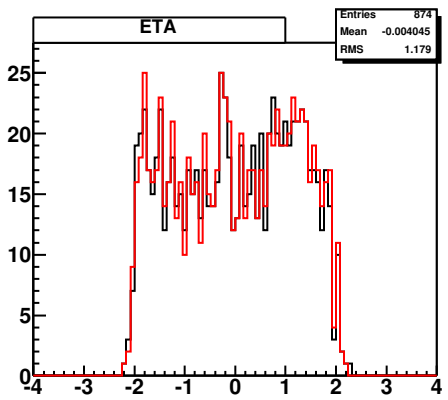
Electrons (SCONE Tight)

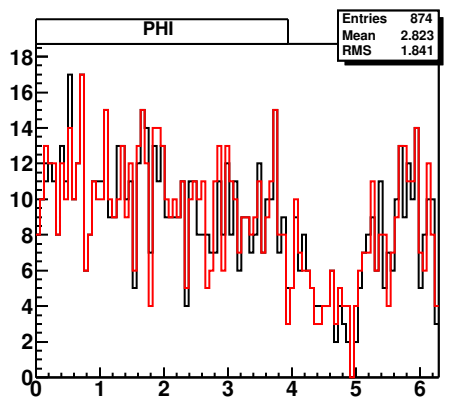

N
Entries 2000
Mean 0.6505
RMS 0.6232
PT
Entries 1301
Mean 38.47
RMS 15.85
ETA
Entries 1301
Mean 0.02257
RMS 1.202
PHI
Entries 1301
Mean 3.059
RMS 1.817
CHISQ
Entries 1301
Mean 9.656
RMS 10.44
CHISQLOC
Entries 1301
Mean 0.9161
RMS 2.315
E33
Entries 1301
Mean 3.302
RMS 2.278
HALO
Entries 1301
Mean 0.116
RMS 0.3355
W HITS A
Entries 1301
Mean 2.76
RMS 1.434
W HITS BC
Entries 1301
Mean 4.153
RMS 2.029
SCINT HITS A
Entries 1301
Mean 0.864
RMS 0.4083
SCINT HITS BC
Entries 1301
Mean 1.205
RMS 0.7179

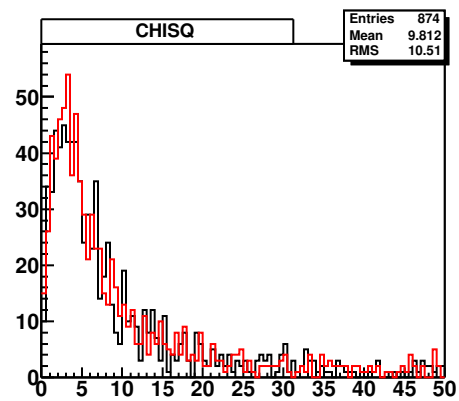
Muons (All)

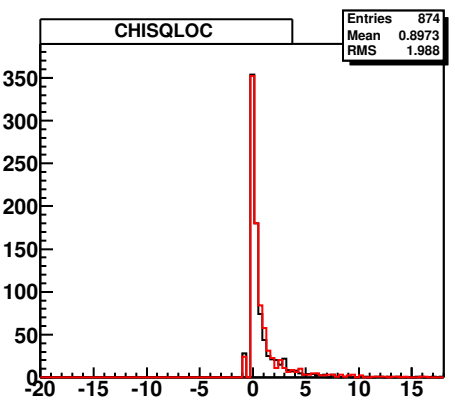


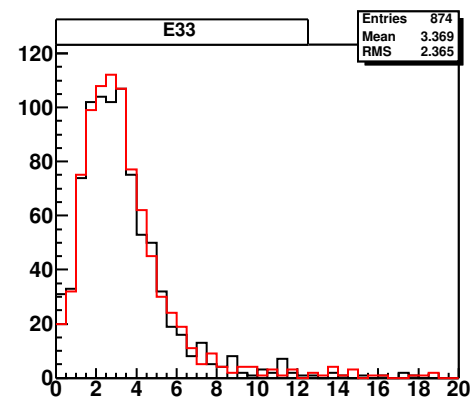


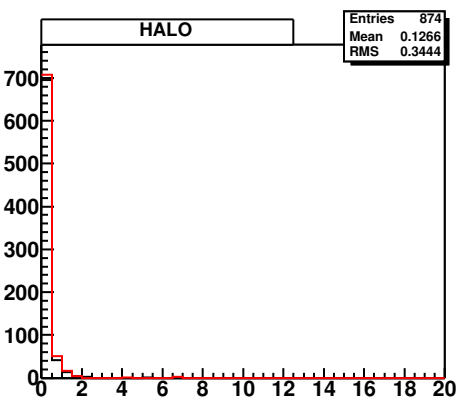


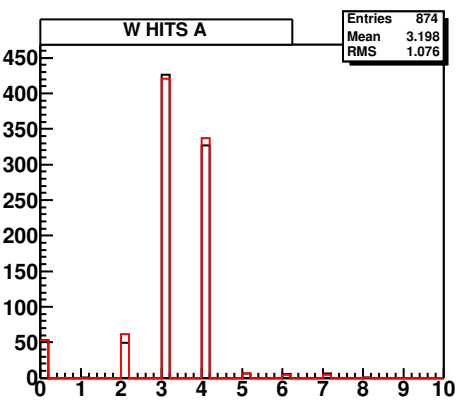


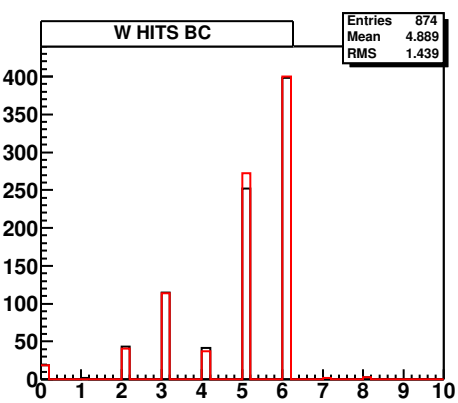


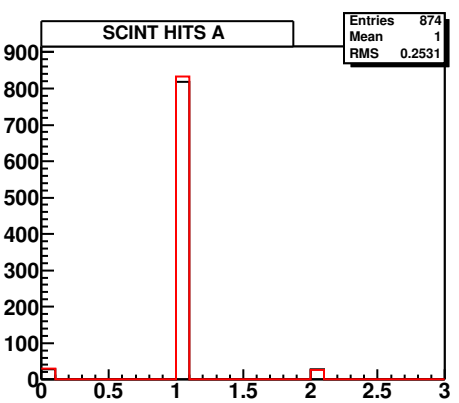


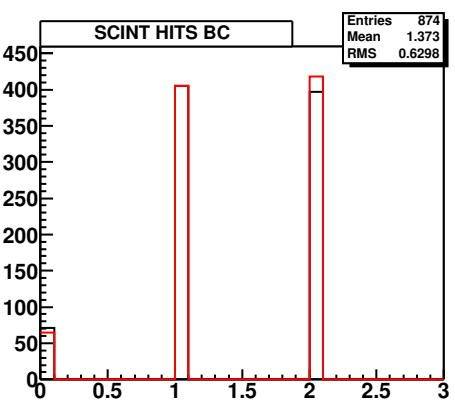




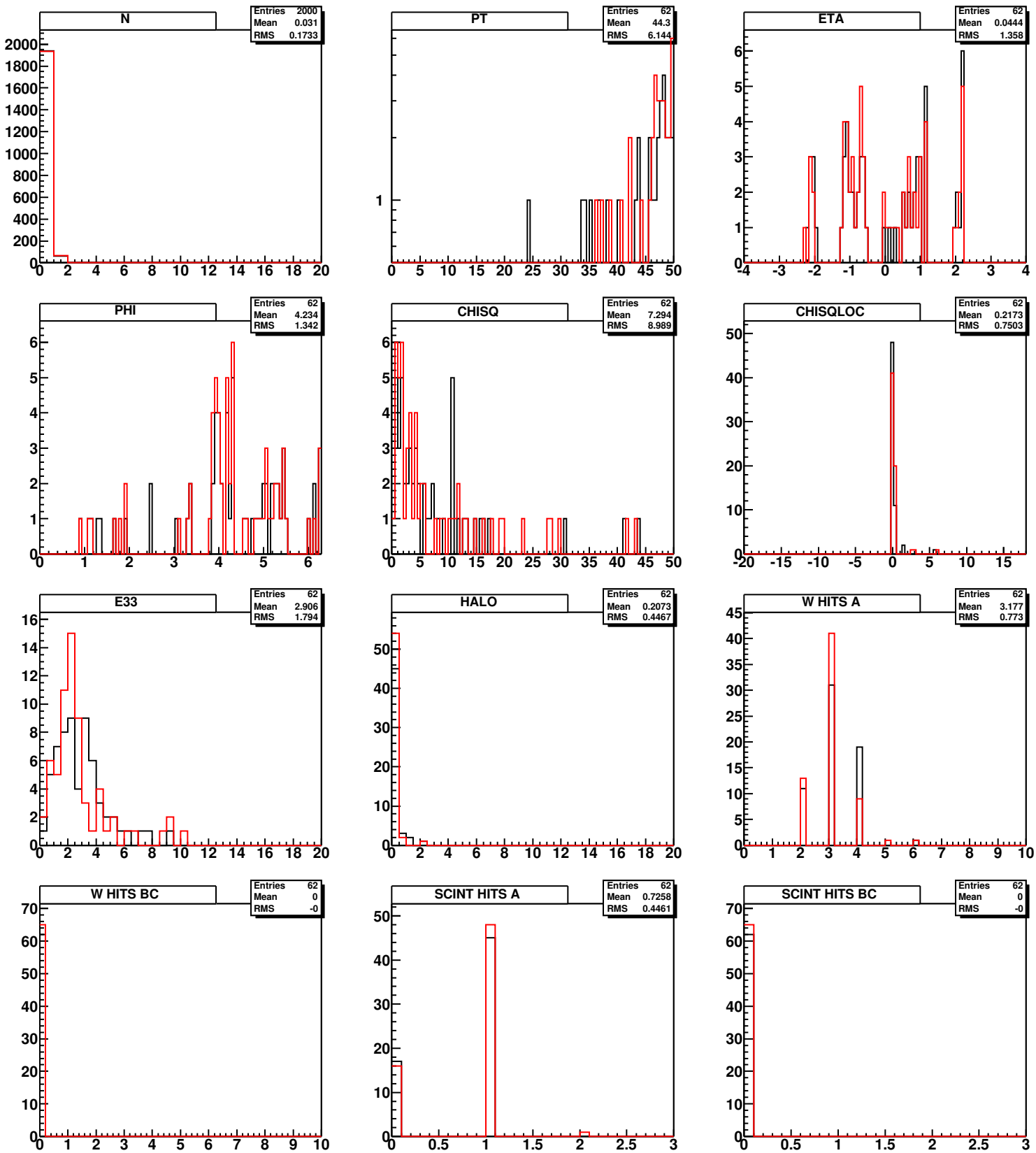




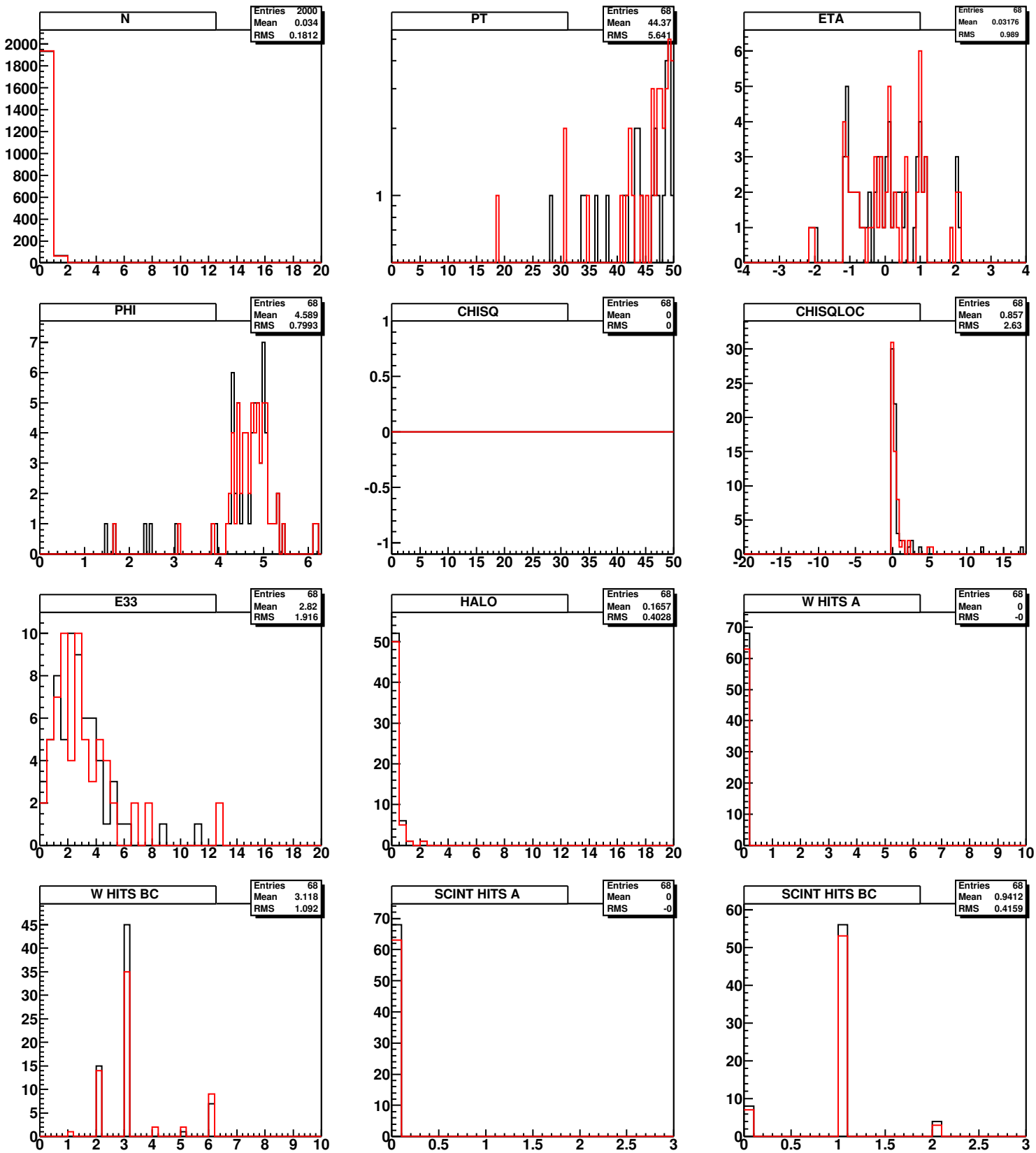




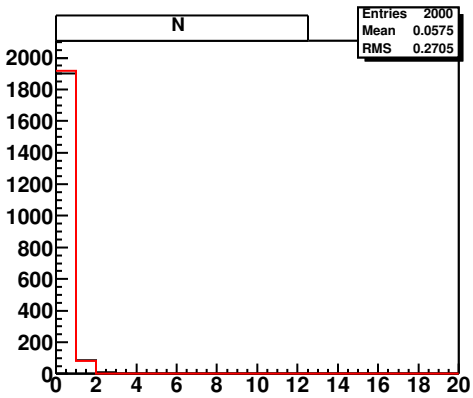
Muons (Matched)

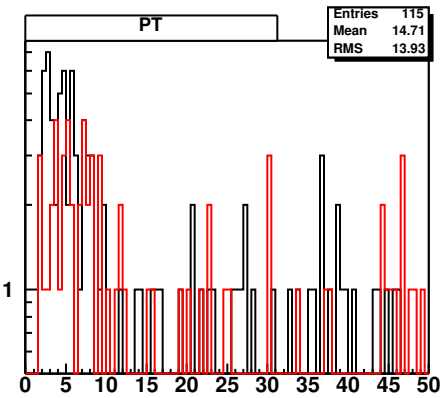

N
Entries 2000
Mean 0.031
RMS 0.1733
PT
Entries 62
Mean 44.3
RMS 6.144
ETA
Entries 62
Mean 0.0444
RMS 1.358
PHI
Entries 62
Mean 4.234
RMS 1.342
CHISQ
Entries 62
Mean 7.294
RMS 8.989
CHISQLOC
Entries 62
Mean 0.2173
RMS 0.7503
E33
Entries 62
Mean 2.906
RMS 1.794
HALO
Entries 62
Mean 0.2073
RMS 0.4467
W HITS A
Entries 62
Mean 3.177
RMS 0.773
W HITS BC
Entries 62
Mean 0
RMS -0
SCINT HITS A
Entries 62
Mean 0.7258
RMS 0.4461
SCINT HITS BC
Entries 62
Mean 0
RMS -0

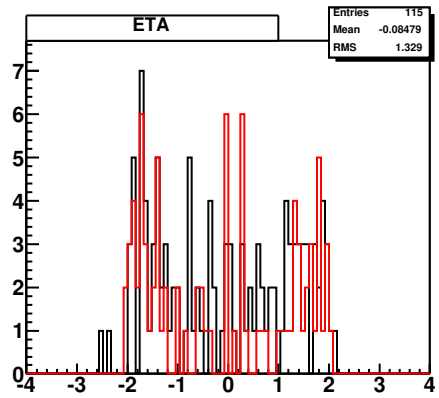
Muons (Astub)

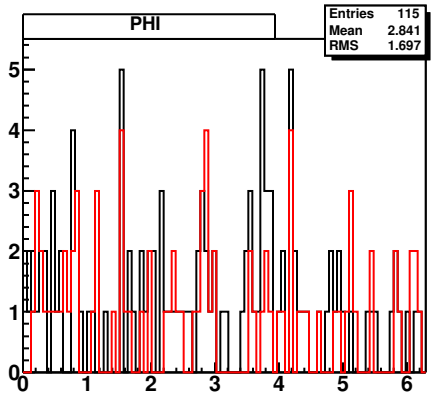


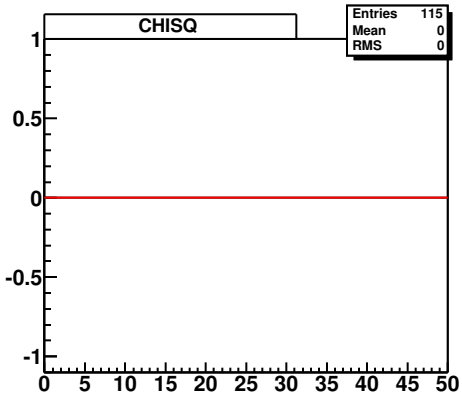
Muons (BCstub)

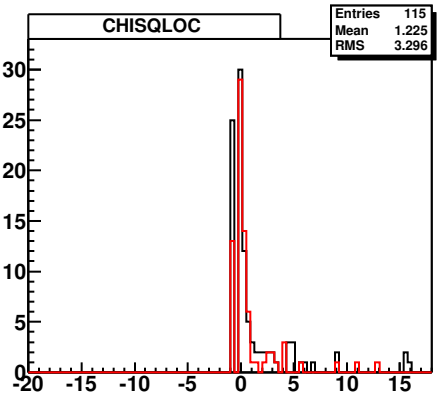


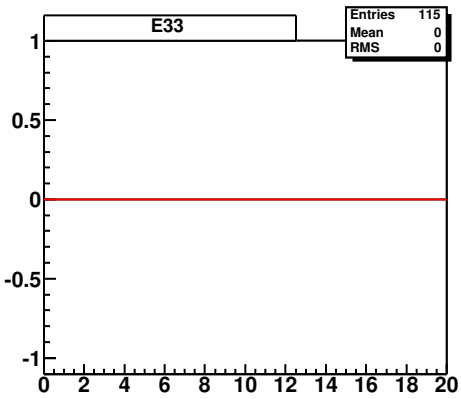


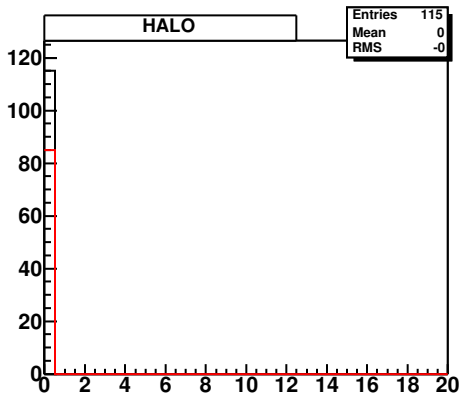


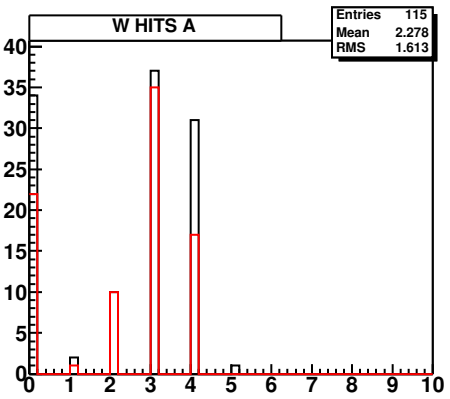


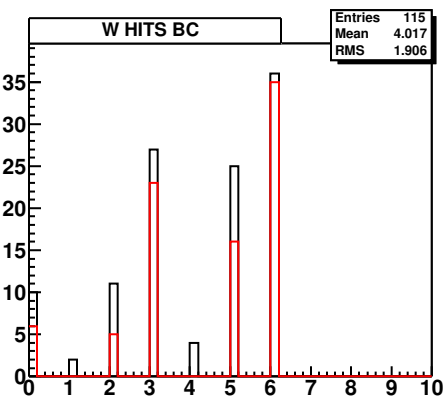


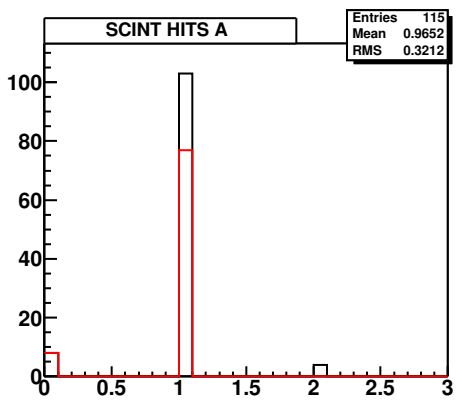


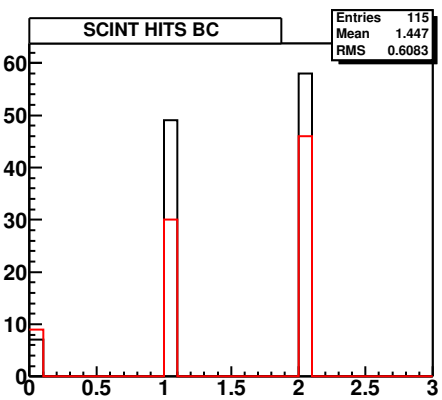




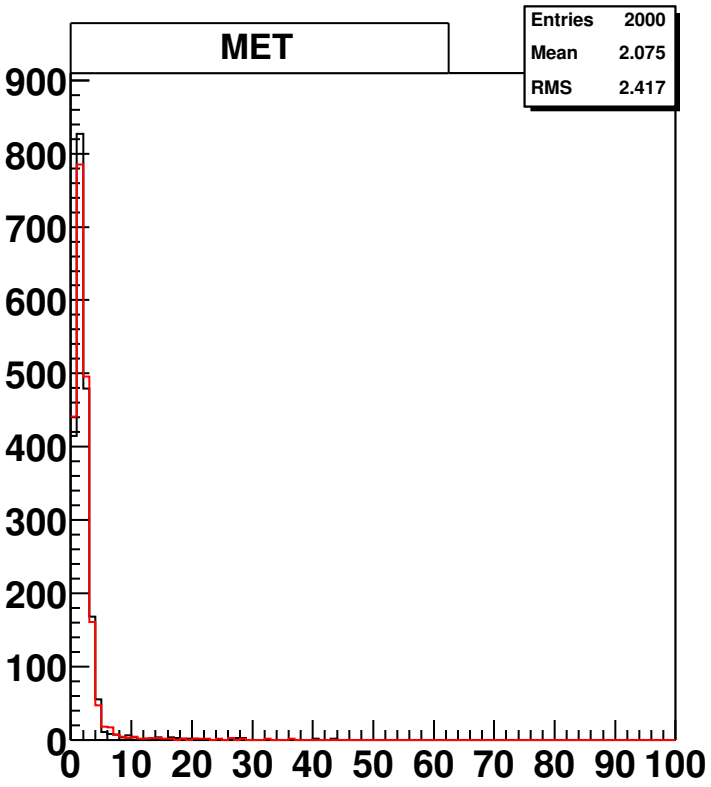


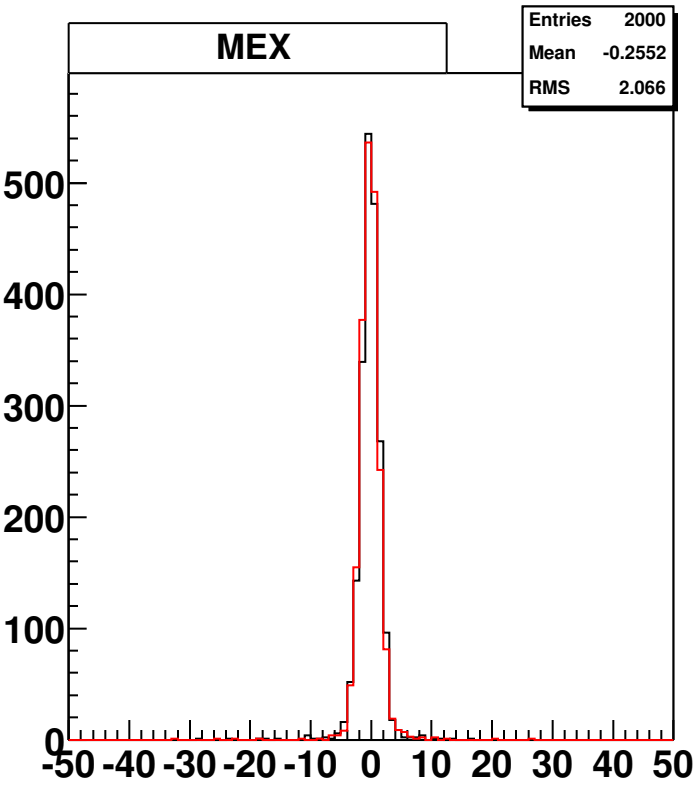


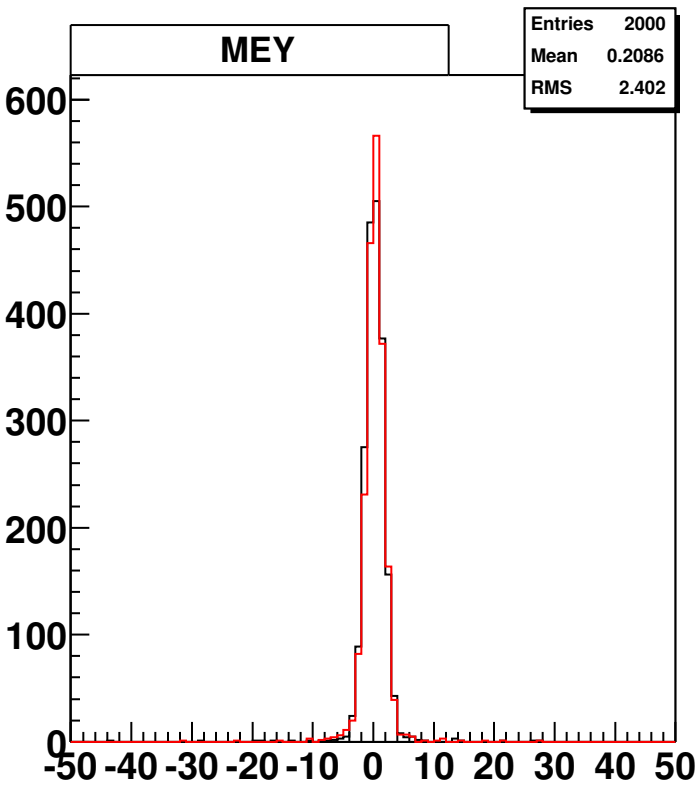




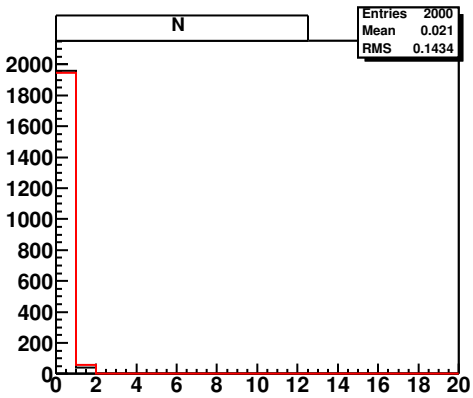
Muons (Unmatched)

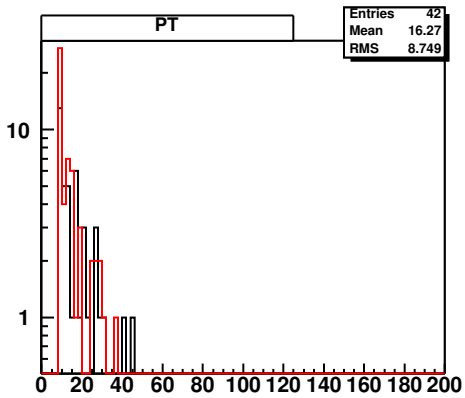

MET
Entries 2000
Mean 2.075
RMS 2.417
900
800
700
600
500
400
300
200
100
0
0 10 20 30 40 50 60 70 80 90 100

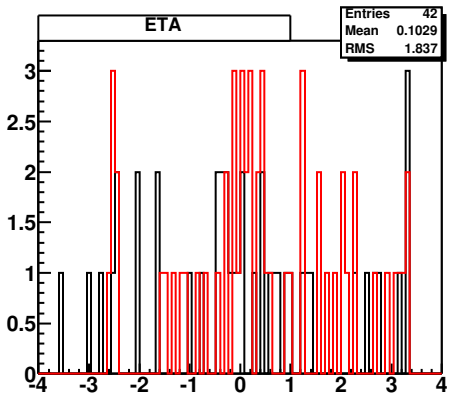

MEX
Entries 2000
Mean -0.2552
RMS 2.066
500
400
300
200
100
0
-50 -40 -30 -20 -10 0 10 20 30 40 50

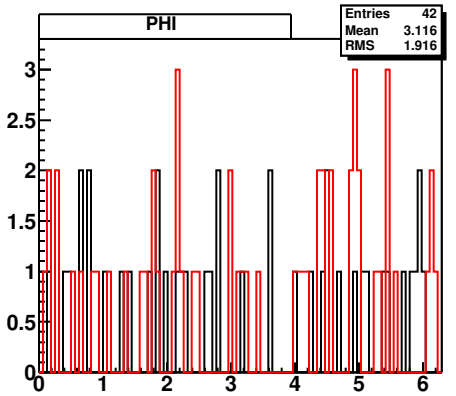

MEY
Entries 2000
Mean 0.2086
RMS 2.402
600
500
400
300
200
100
0
-50 -40 -30 -20 -10 0 10 20 30 40 50

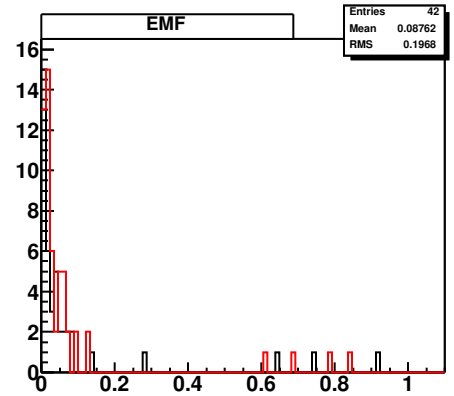
Met (No cuts)

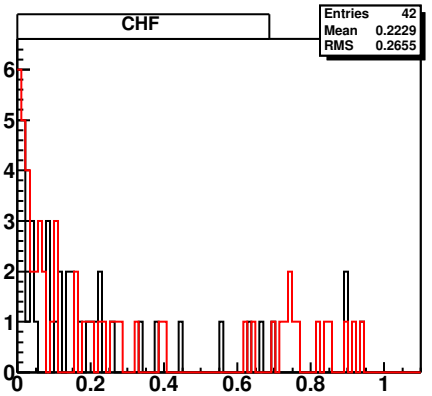


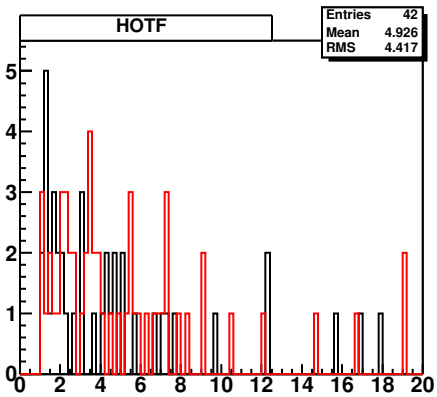


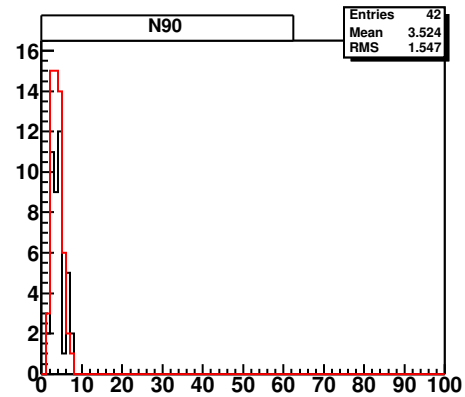


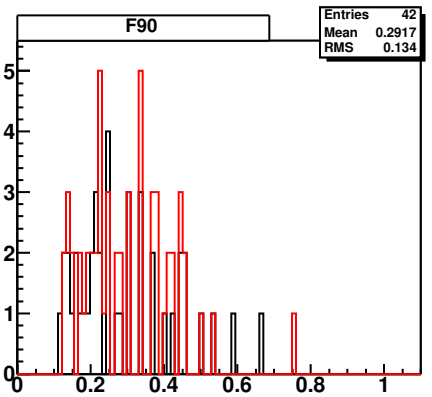


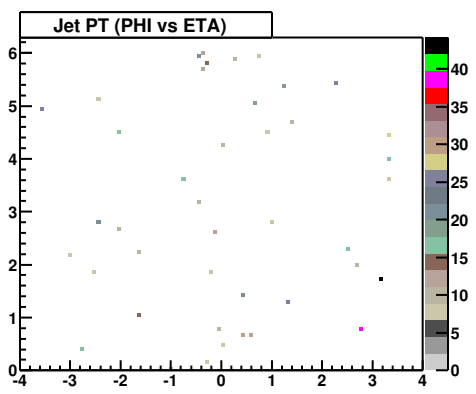




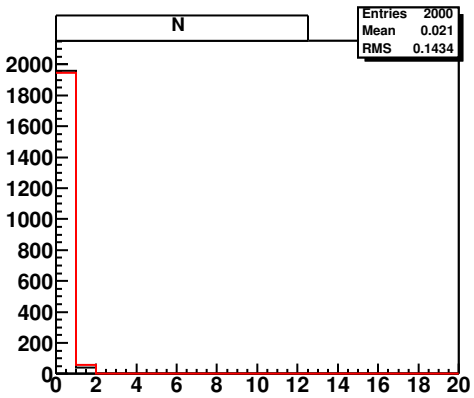


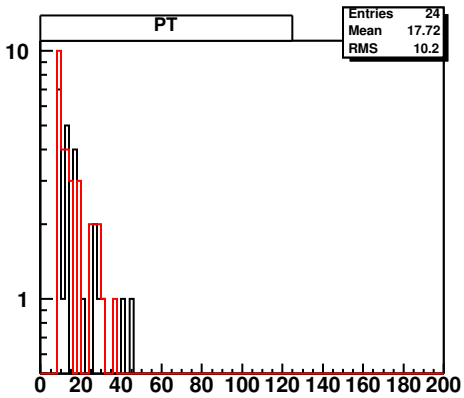


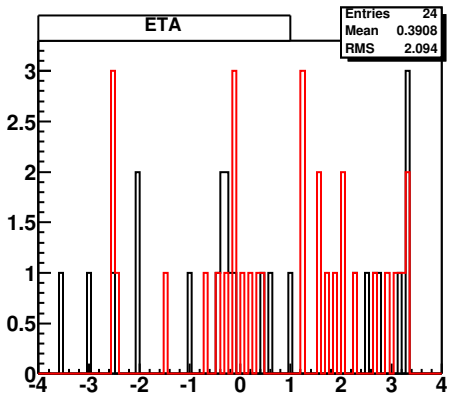


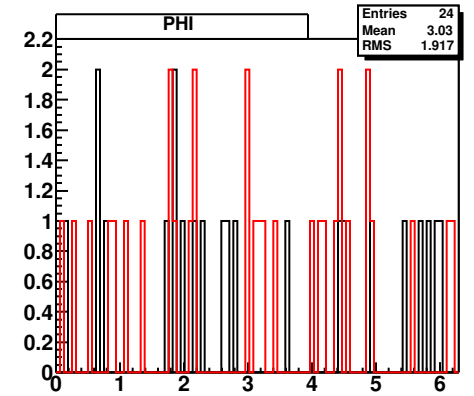


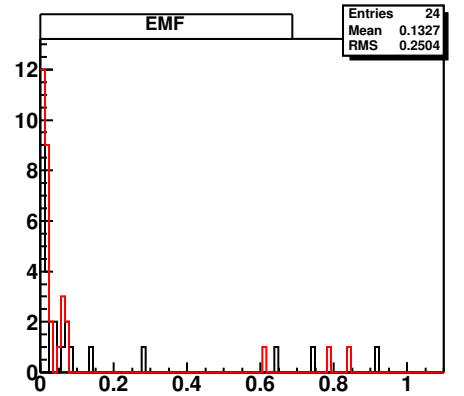
Jets (Cone R=0.7 - no cuts)

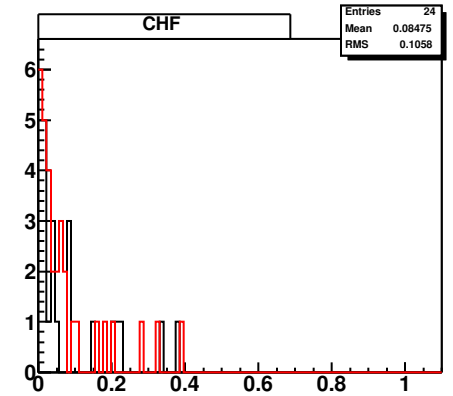


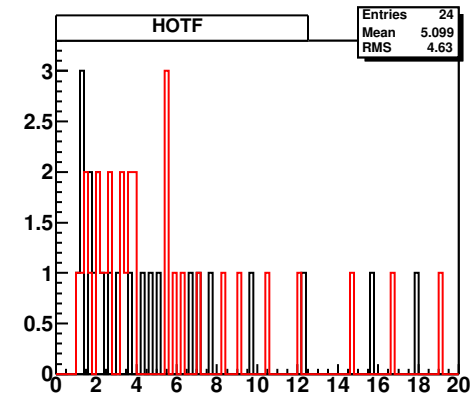


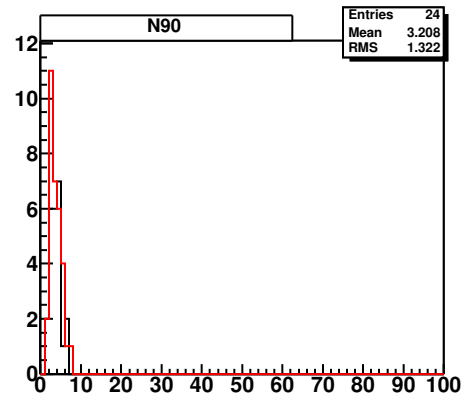


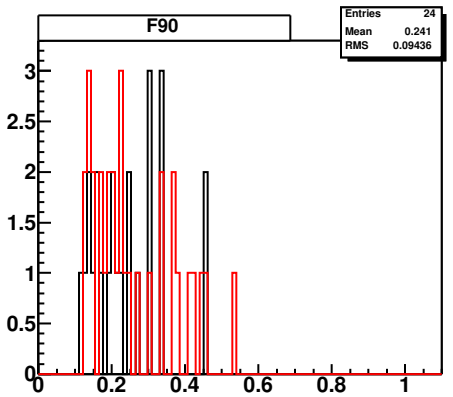


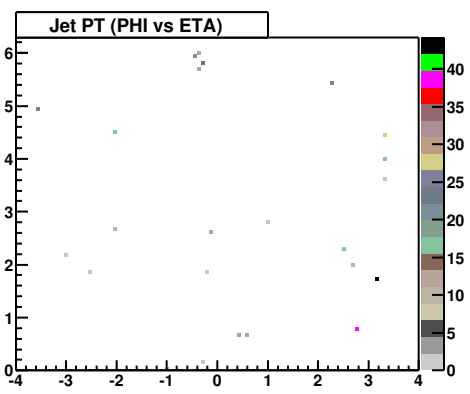




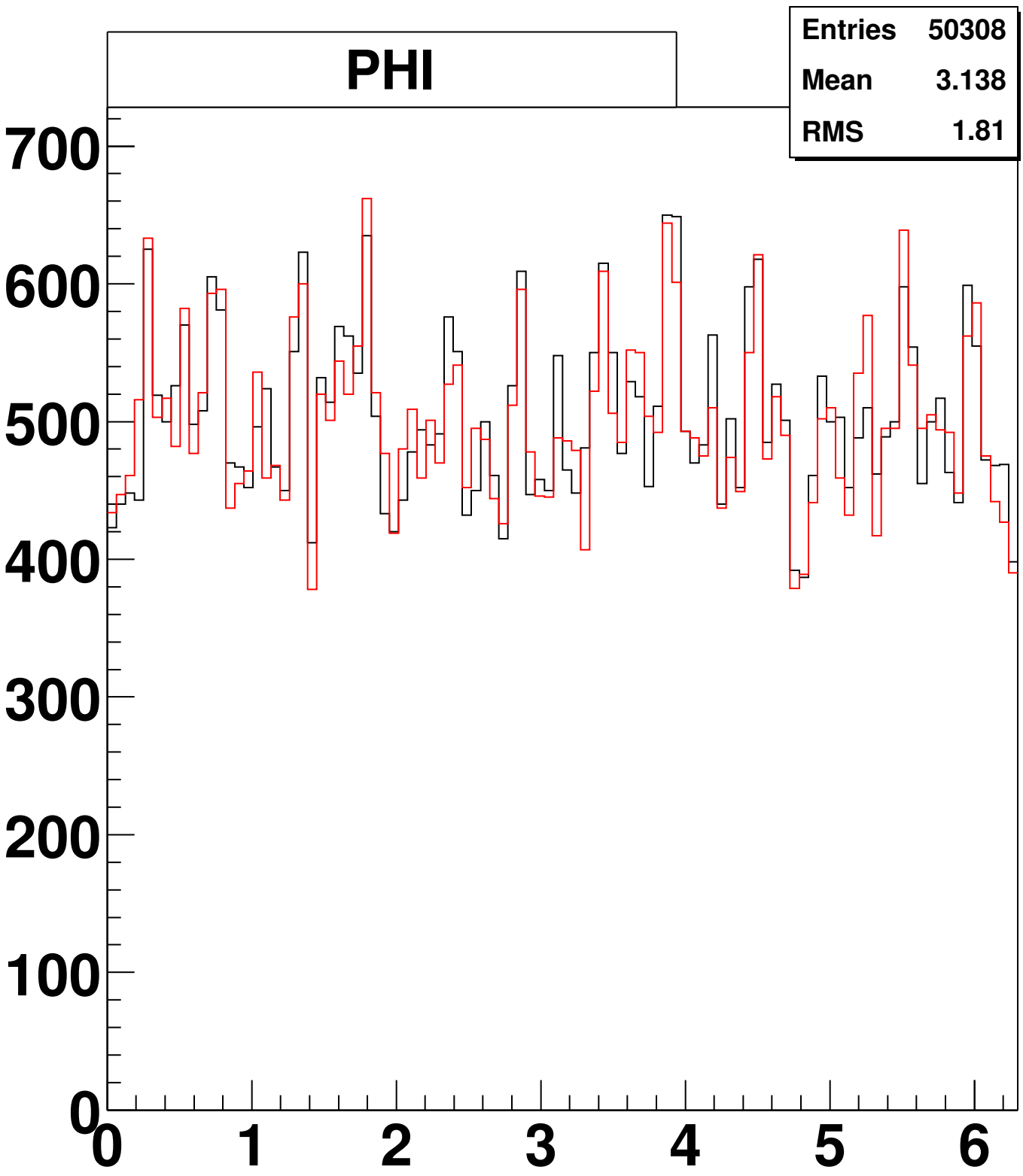


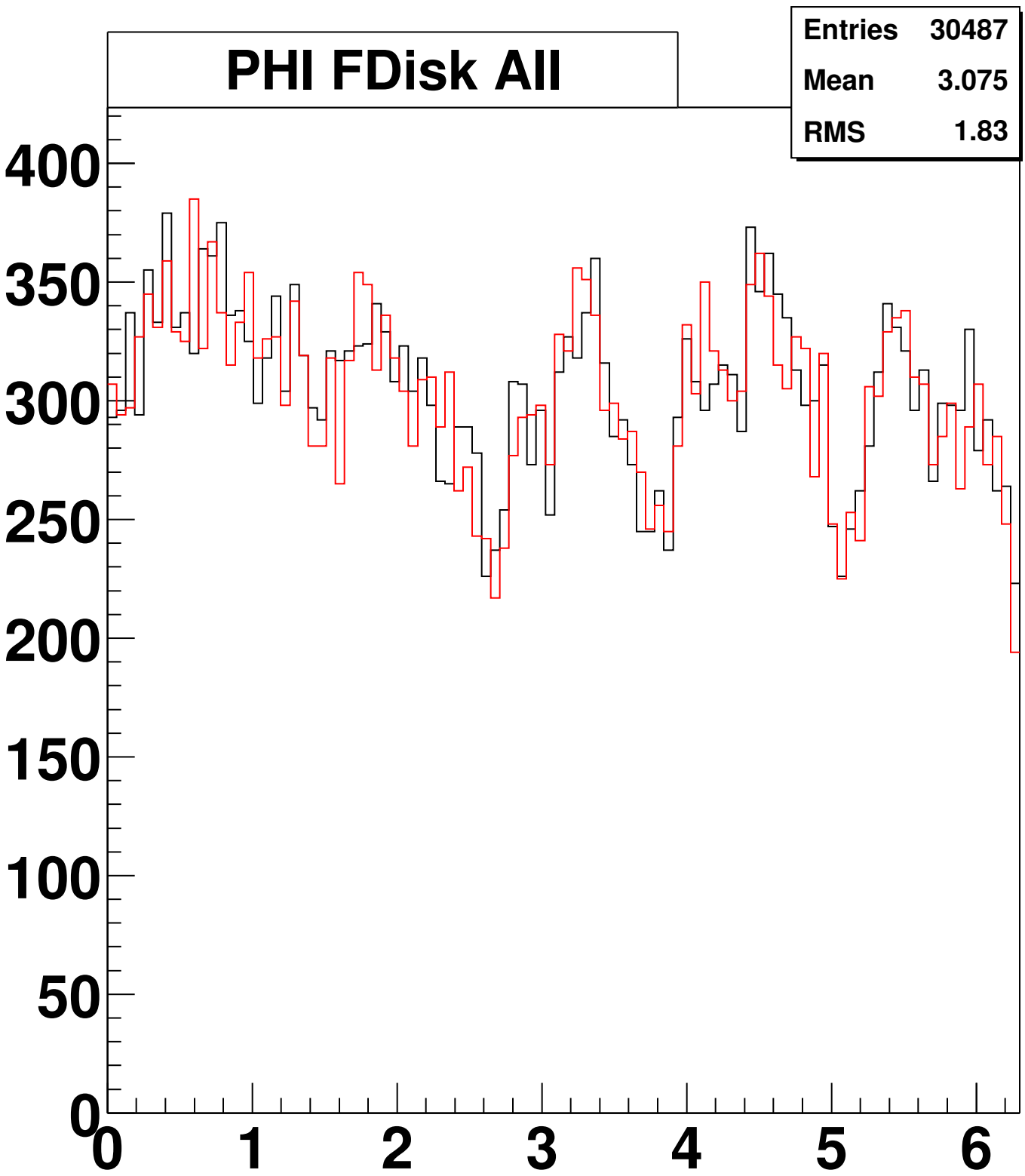


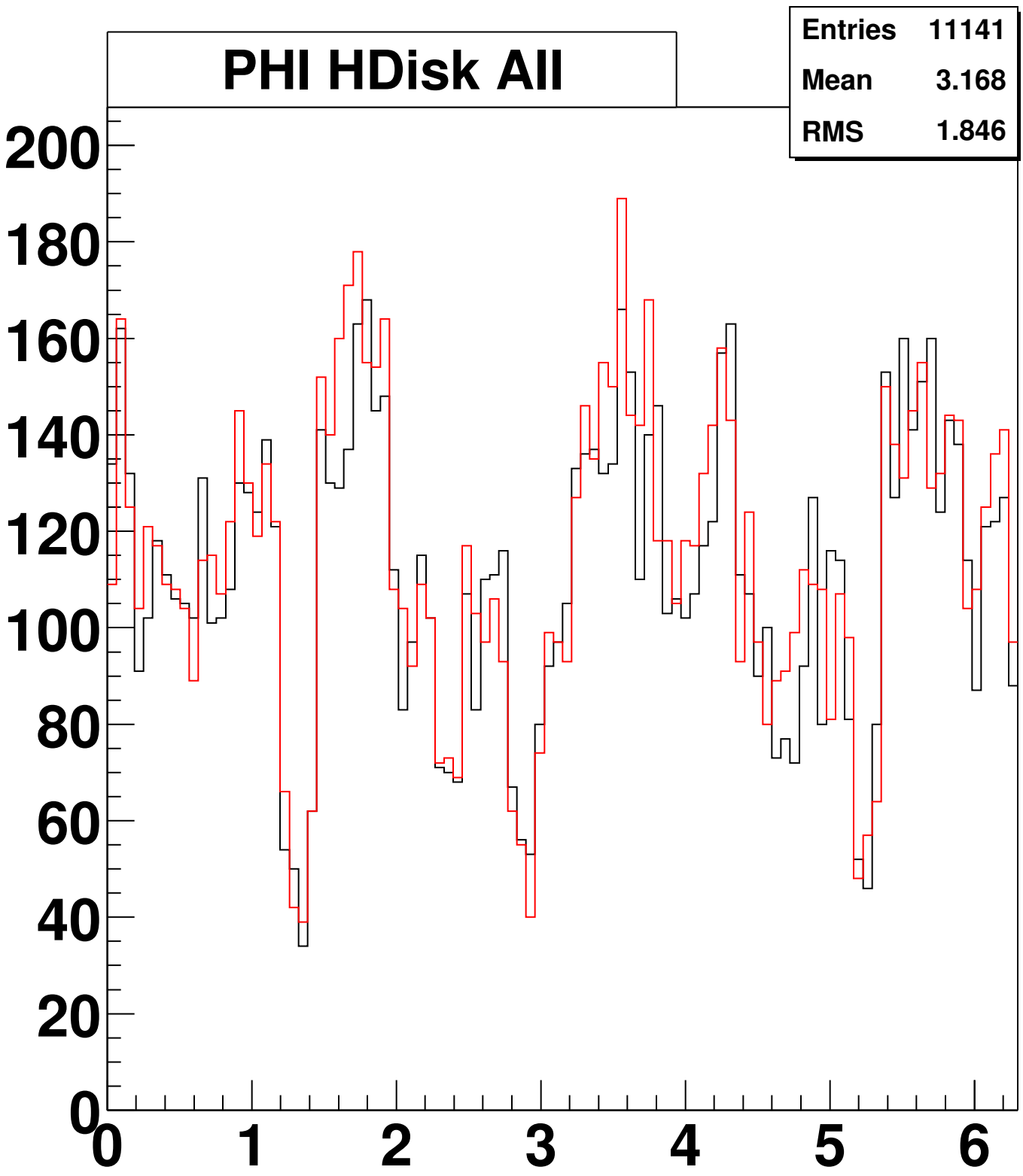


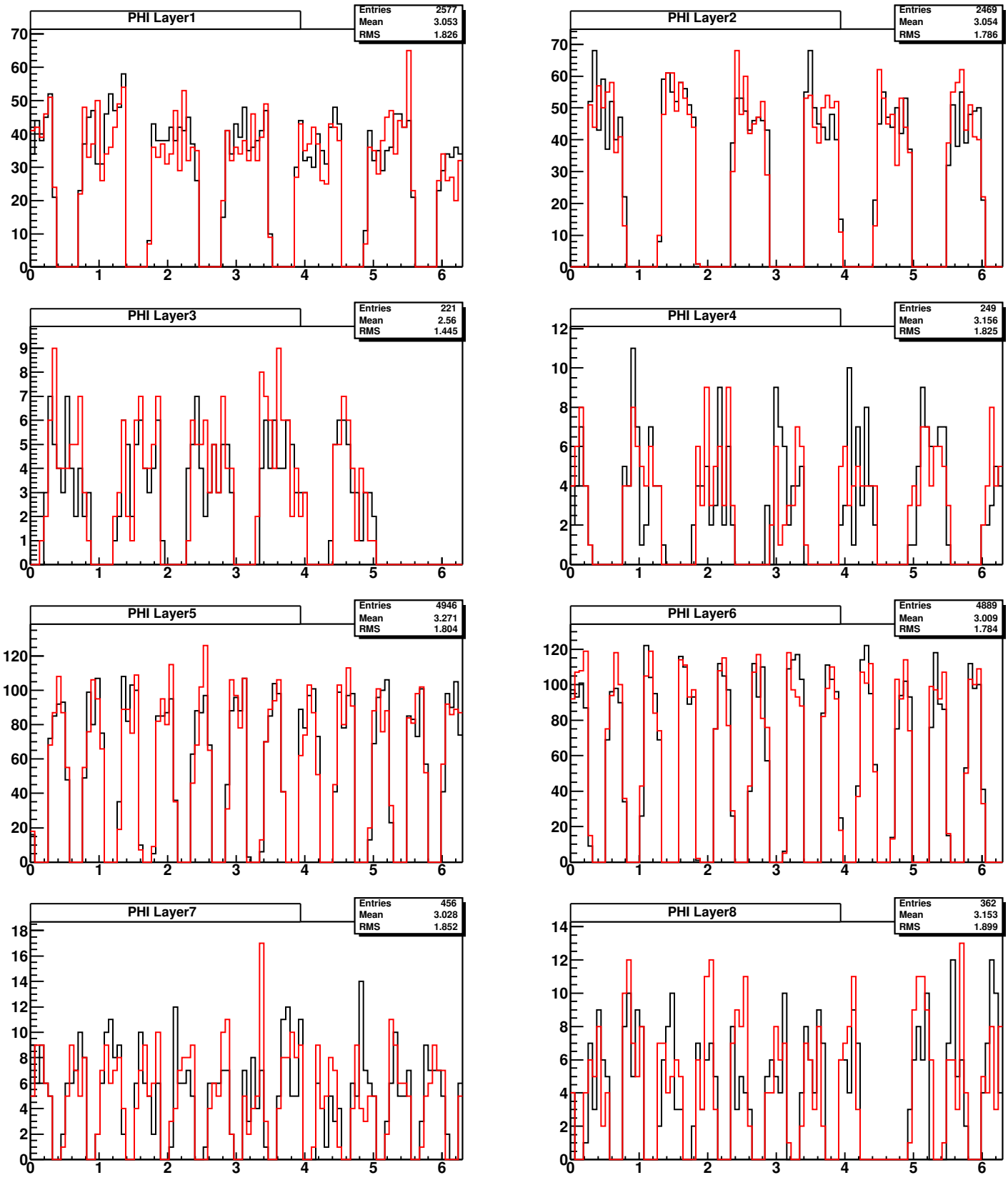


Jets (Cone R=0.7 - standard cuts)

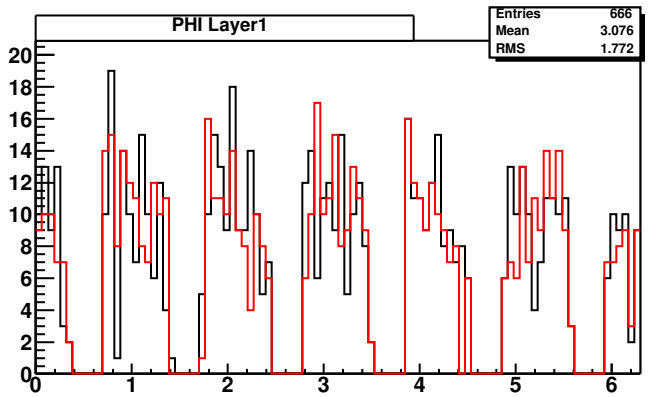

PHI
Entries 50308
Mean 3.138
RMS 1.81
700
600
500
400
300
200
100
0
0
1
2
3
4
5
6
SmtClusters (allBarClusters)

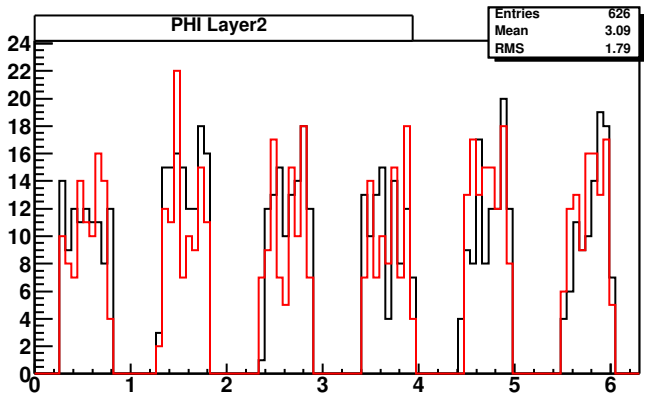

PHI FDisk All
Entries 30487
Mean 3.075
RMS 1.83
400
350
300
250
200
150
100
50
0
0
1
2
3
4
5
6
SmtClusters (allFDiskClusters)

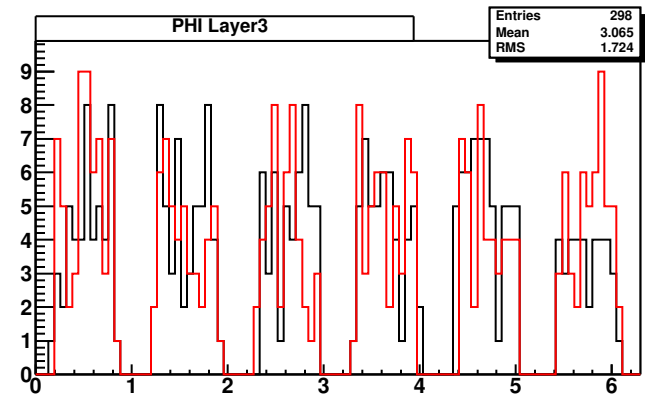

PHI HDisk All
Entries 11141
Mean 3.168
RMS 1.846
200
180
160
140
120
100
80
60
40
20
0
0
1
2
3
4
5
6
SmtClusters (allHDiskClusters)

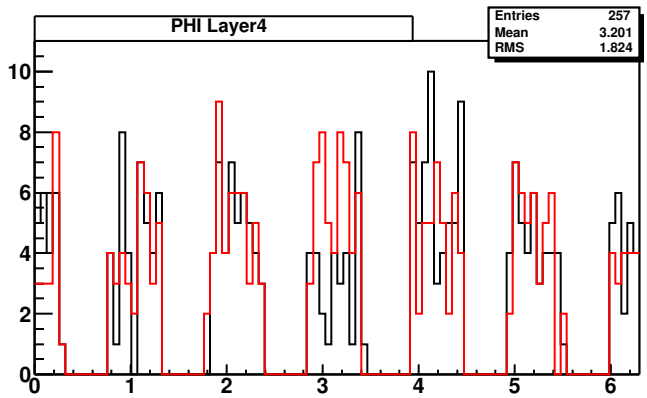


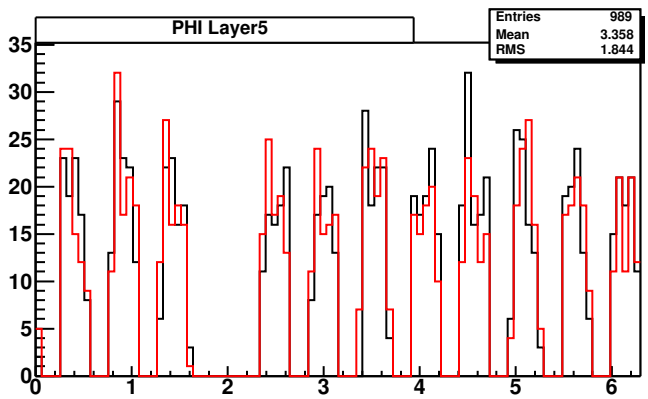
SmtClusters (ClustrBar1)

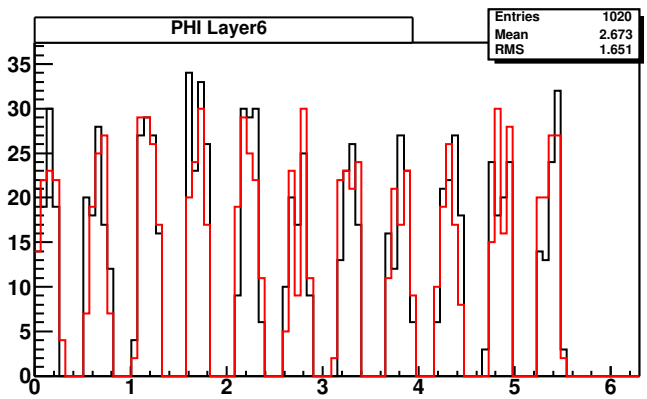


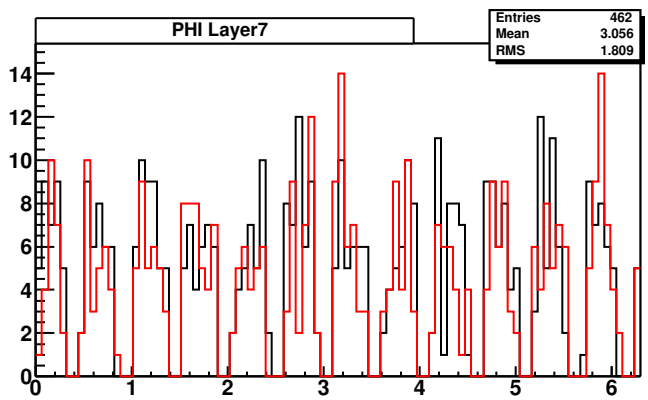


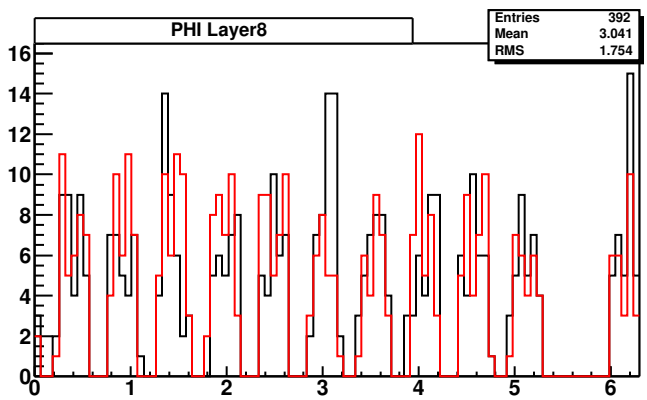




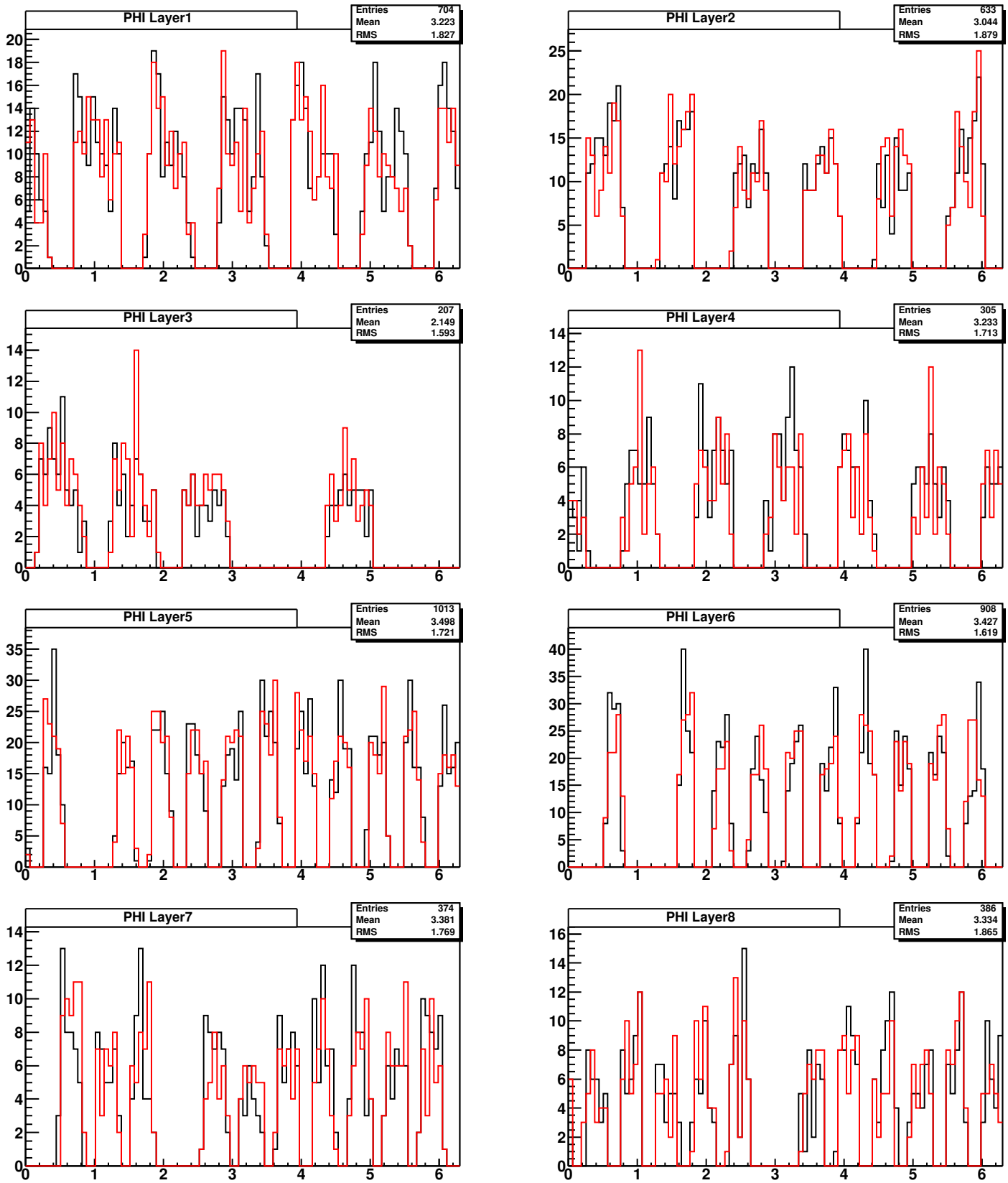




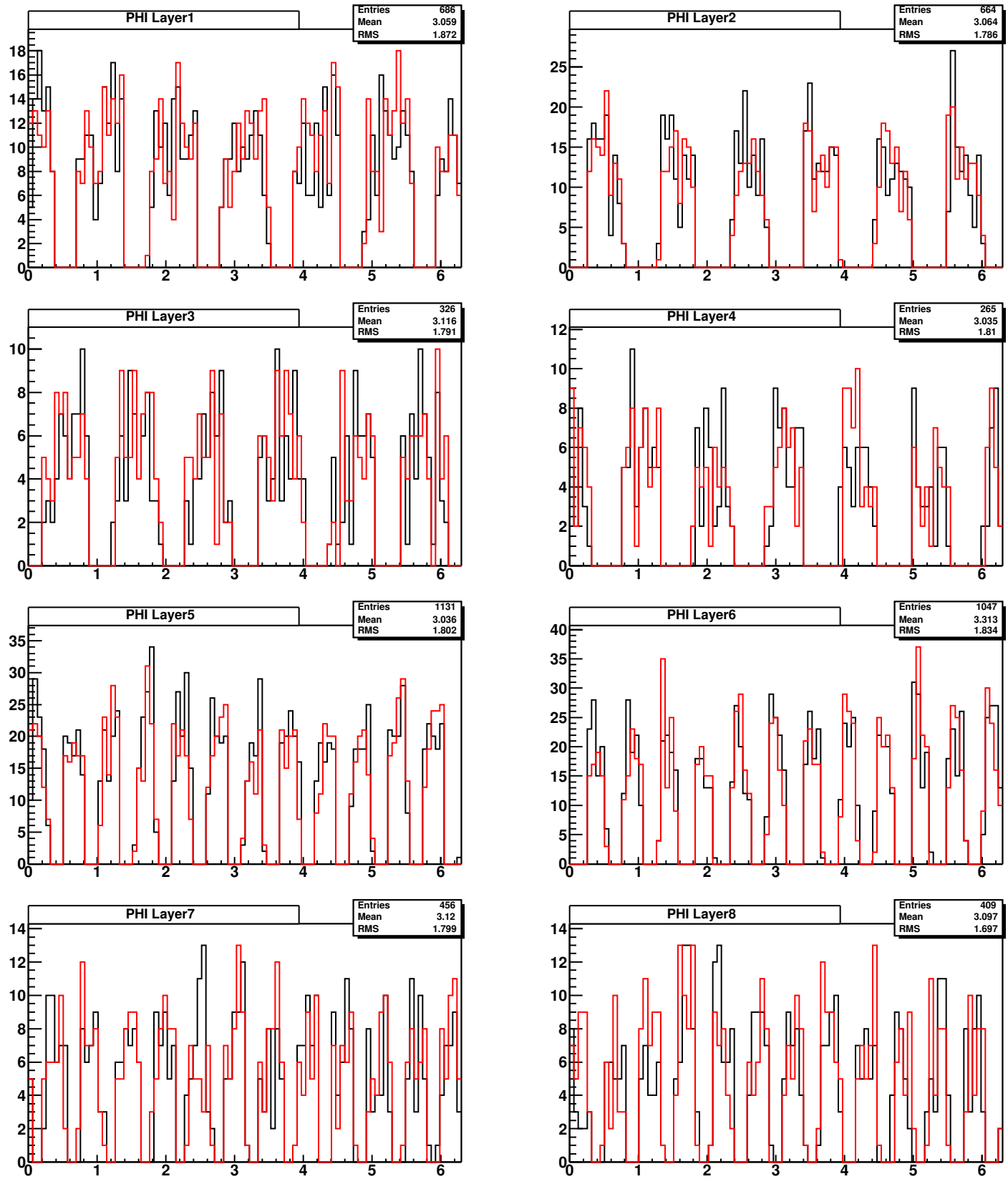




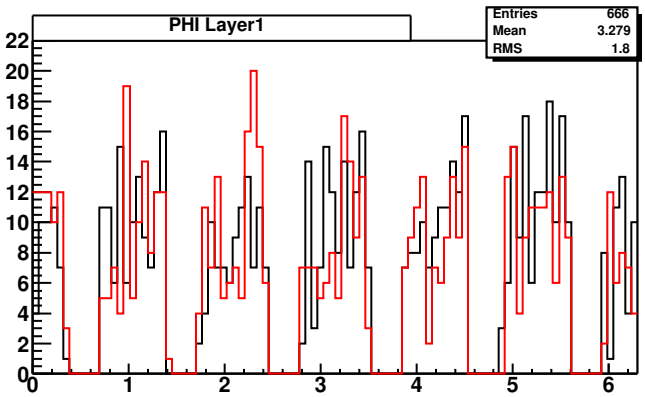
SmtClusters (ClustrBar2)

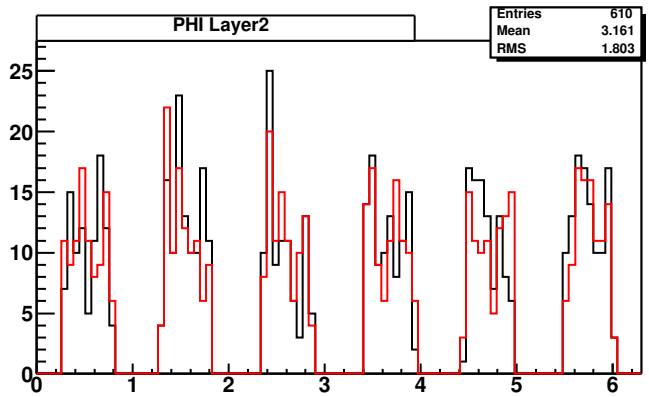


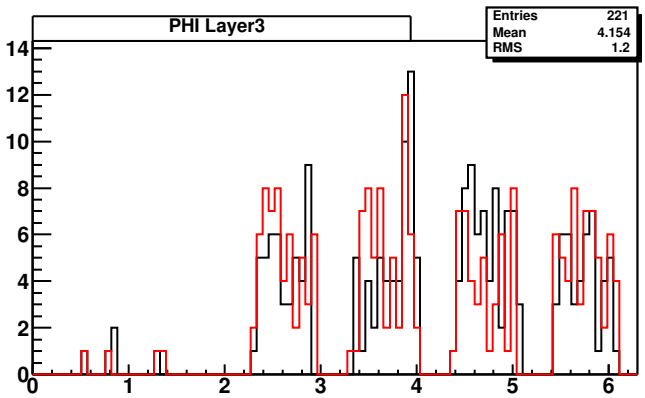
SmtClusters (ClustrBar3)

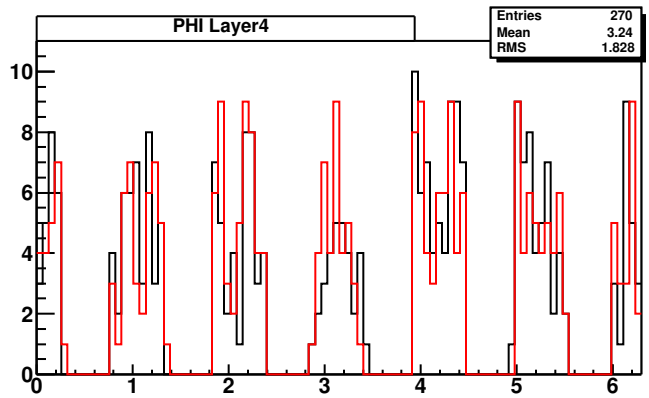


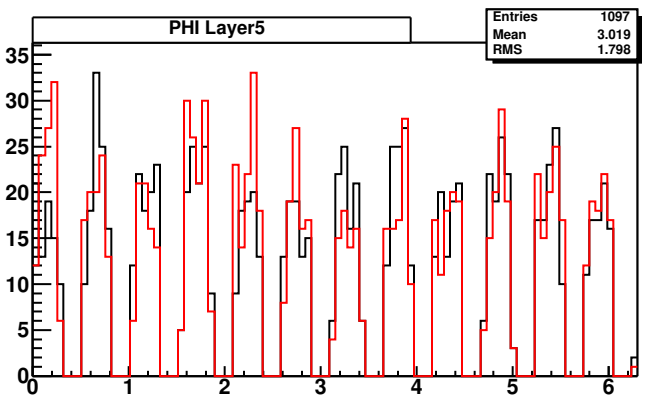
SmtClusters (ClustrBar4)

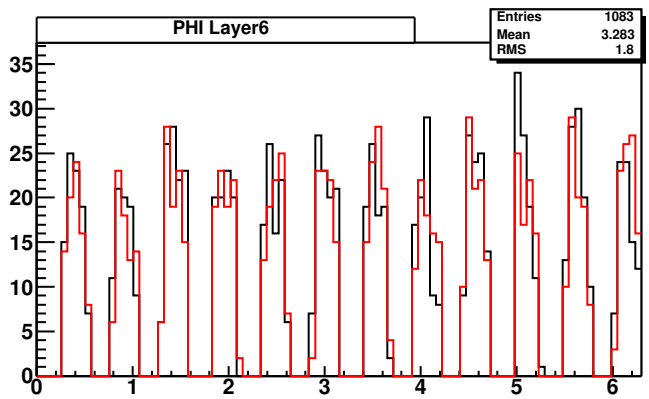


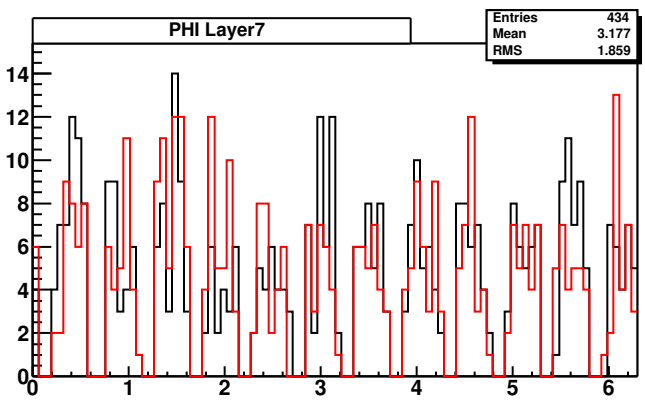


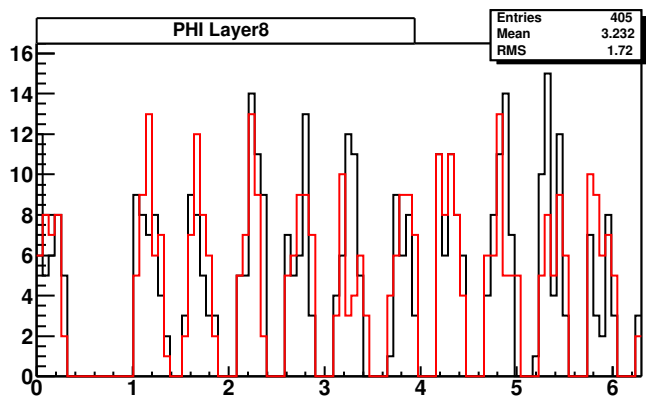




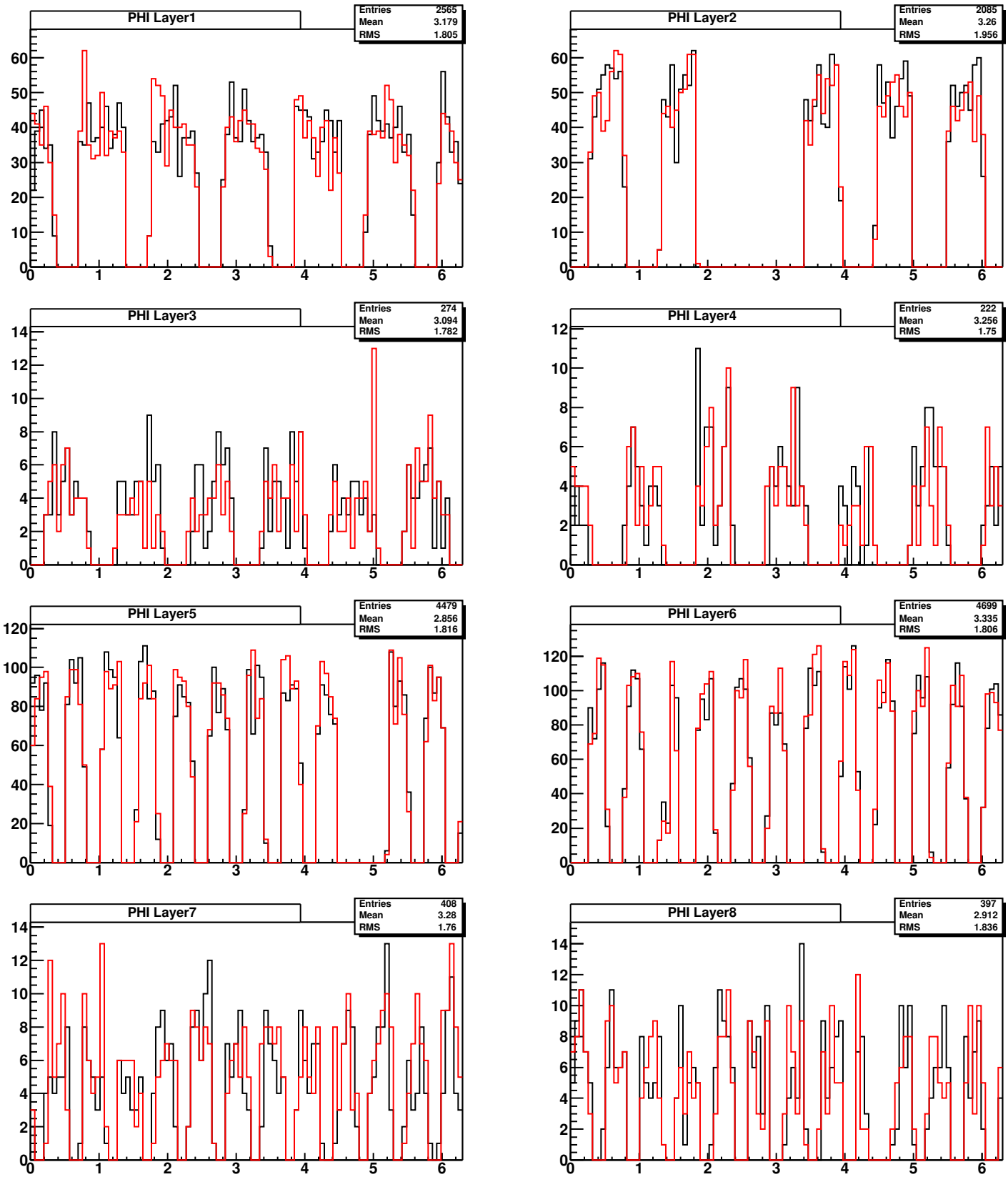




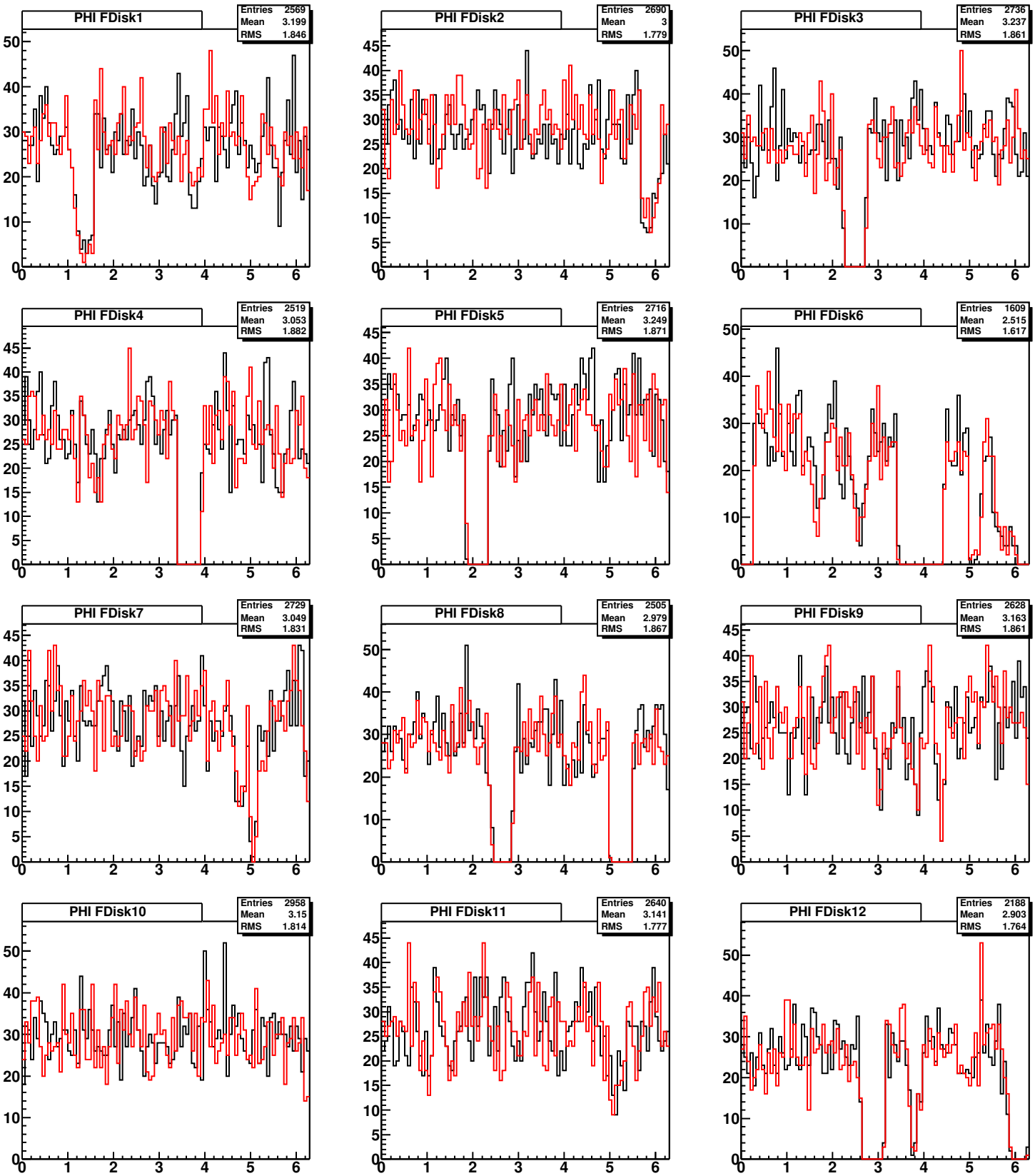




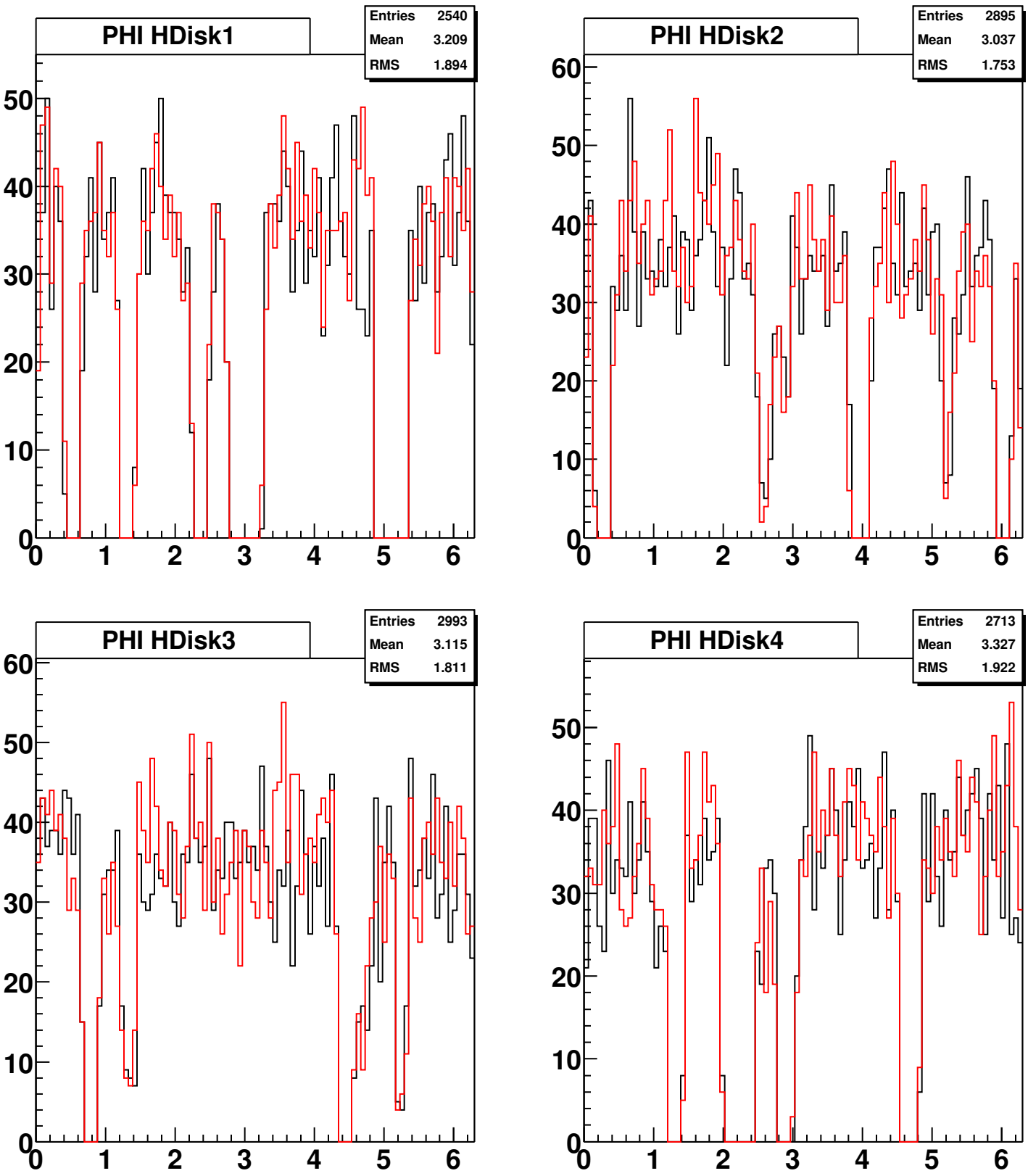
SmtClusters (ClustrBar5)

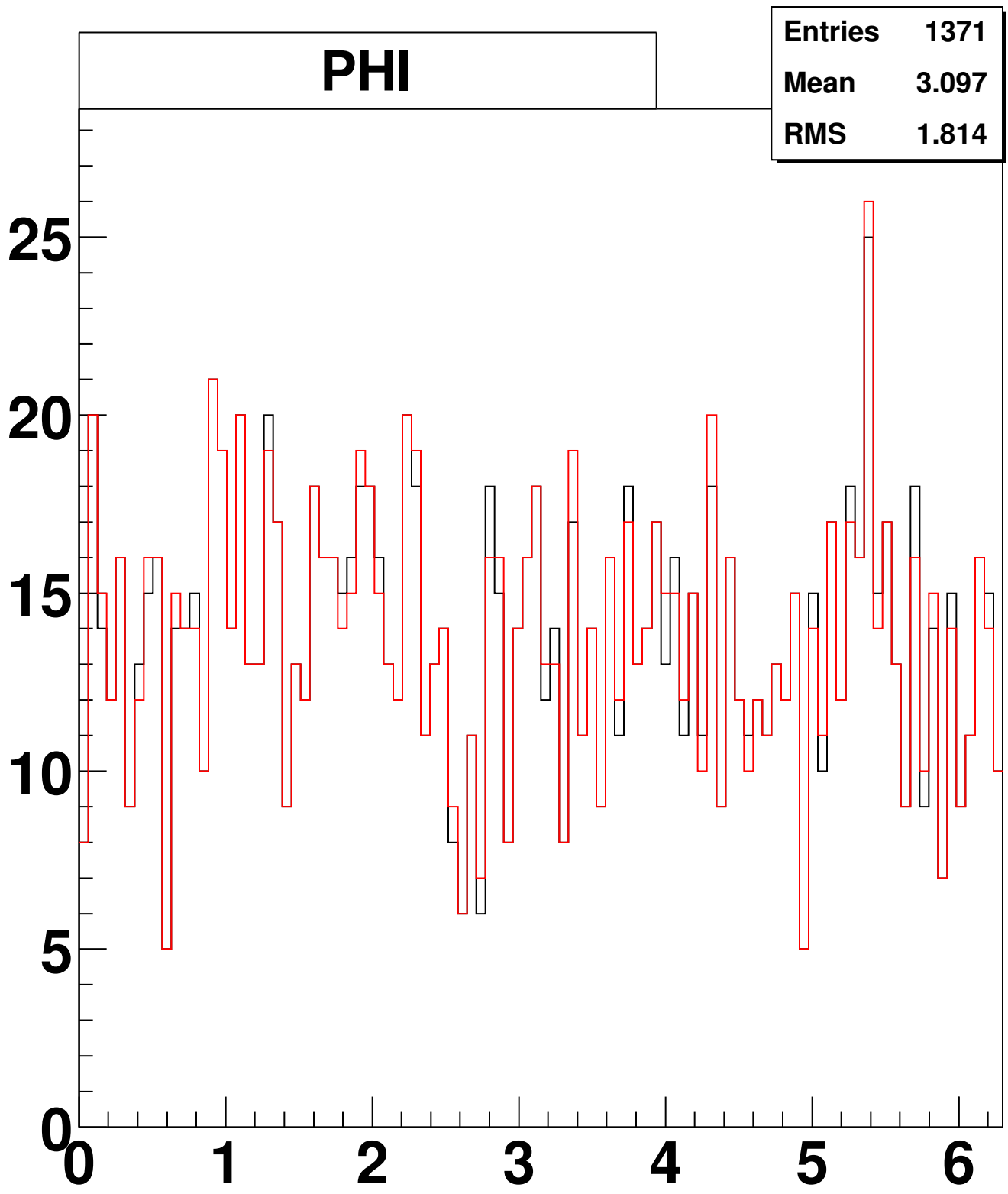


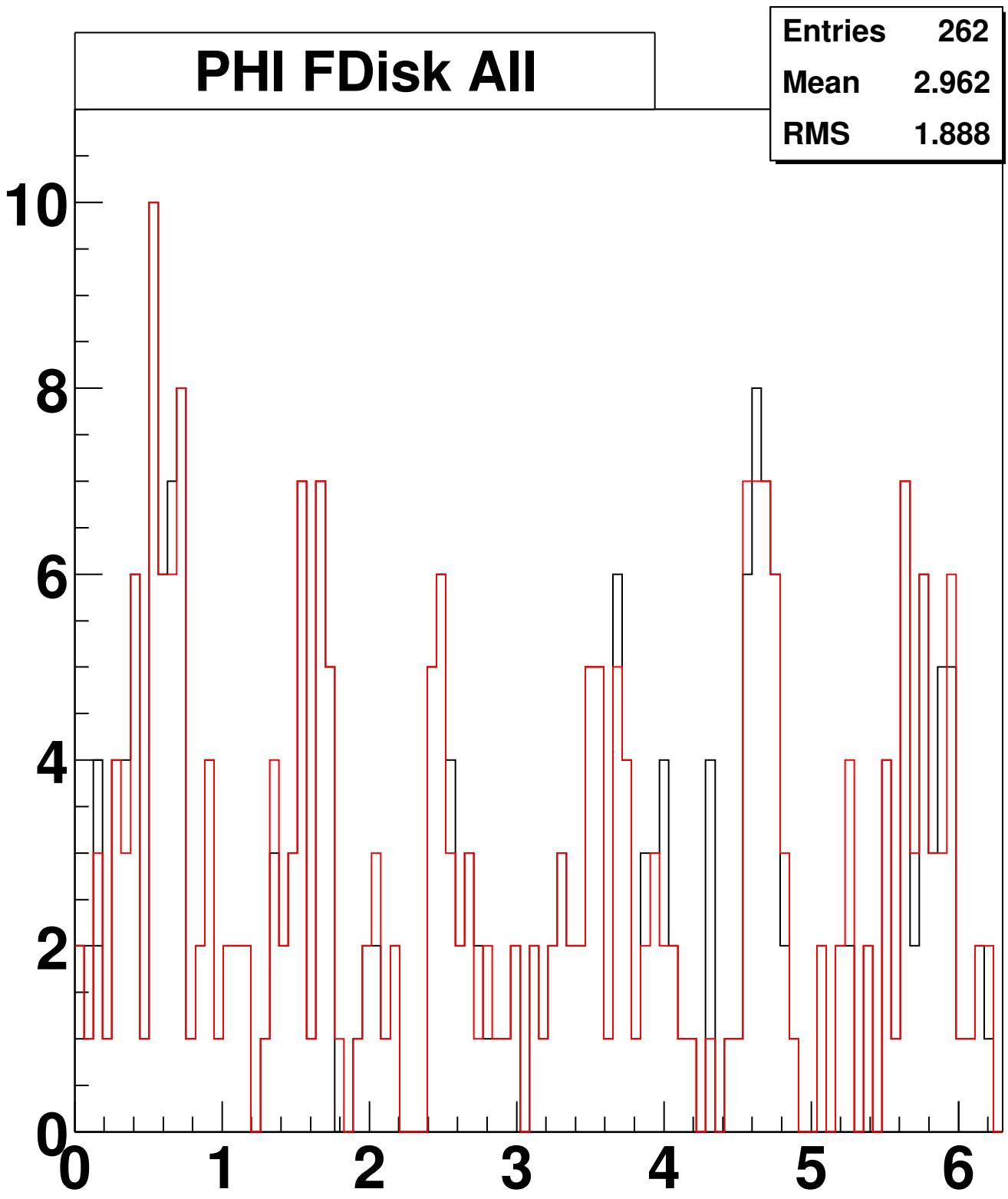
SmtClusters (ClustrBar6)



SmtClusters (FDiskClusters)


PHI HDisk1
Entries 2540
Mean 3.209
RMS 1.894
PHI HDisk2
Entries 2895
Mean 3.037
RMS 1.753
PHI HDisk3
Entries 2993
Mean 3.115
RMS 1.811
PHI HDisk4
Entries 2713
Mean 3.327
RMS 1.922
SmtClusters (HDiskClusters)


PHI
Entries 1371
Mean 3.097
RMS 1.814
25
20
15
10
5
0
0
1
2
3
4
5
6
SmtClusters (allBarTClusters)


PHI FDisk All
Entries 262
Mean 2.962
RMS 1.888
10
8
6
4
2
0
0
1
2
3
4
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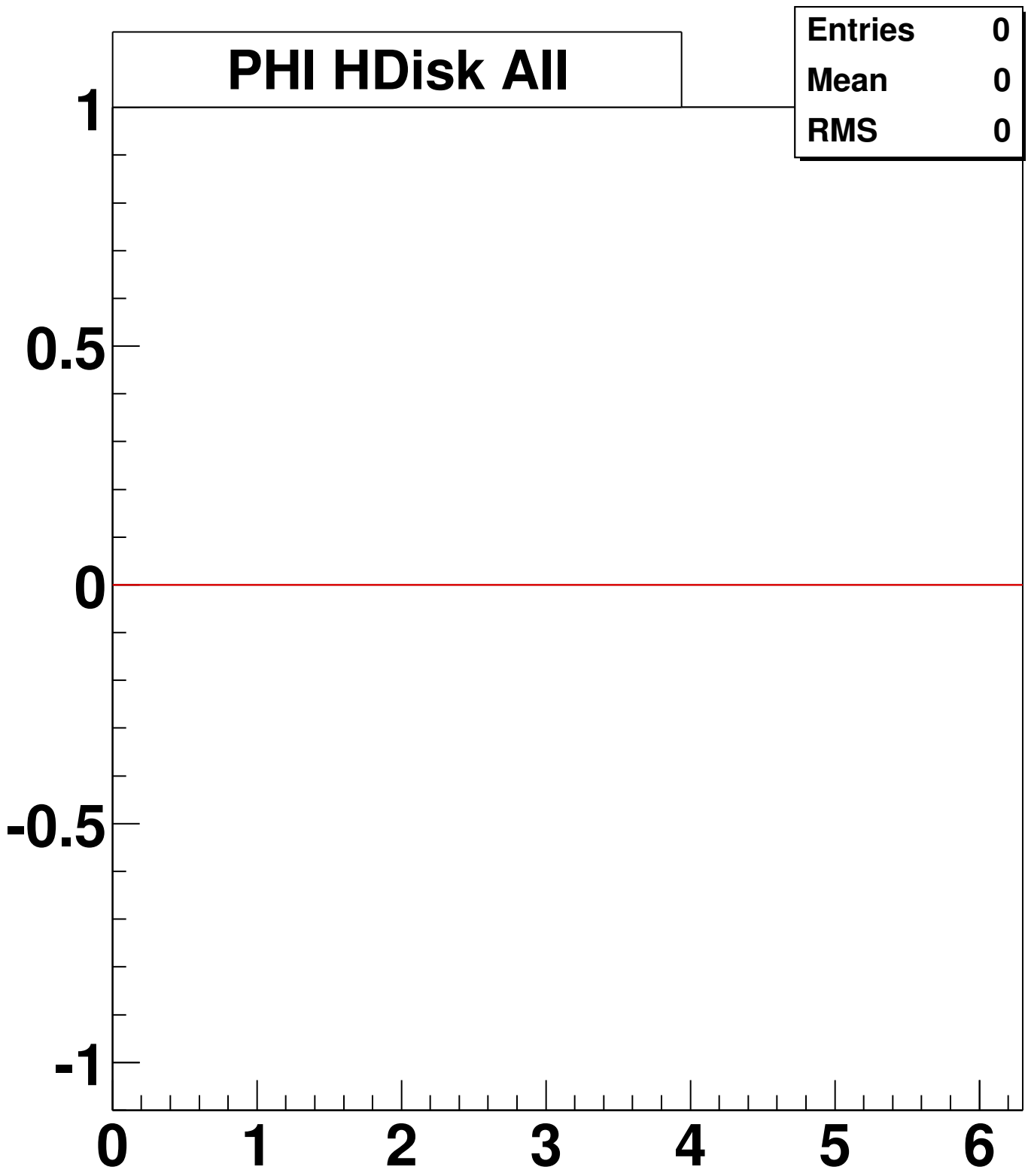
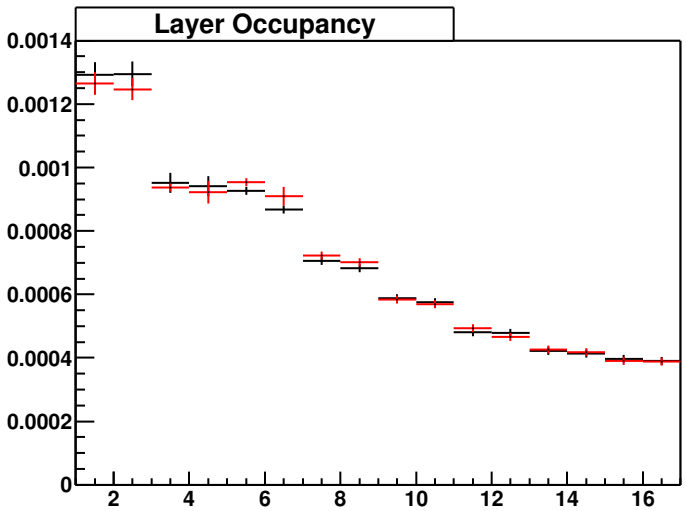
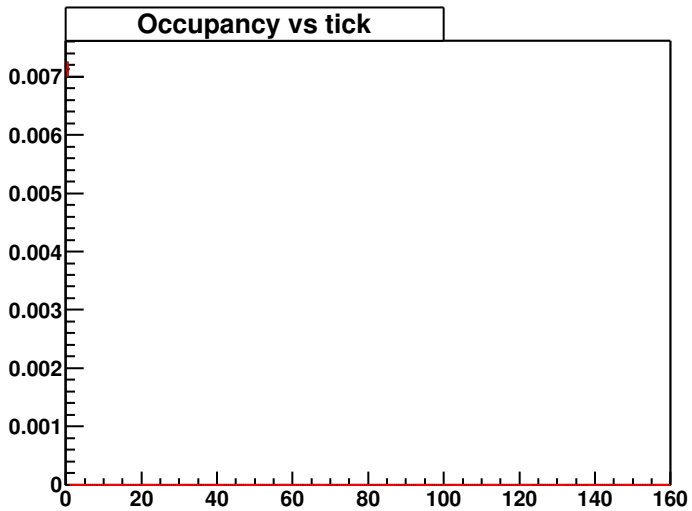
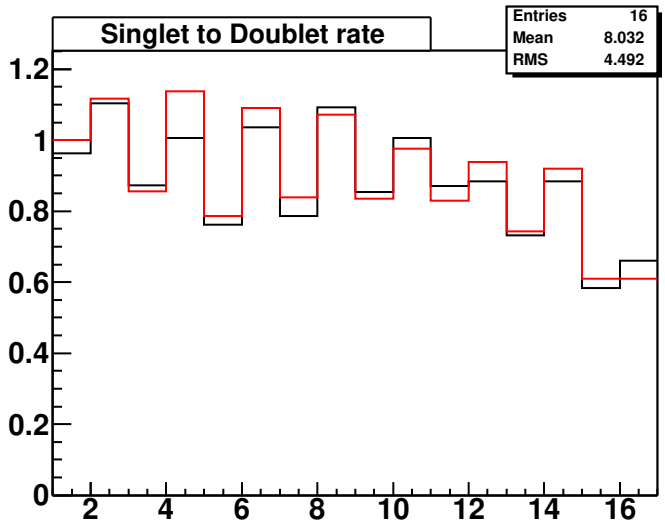
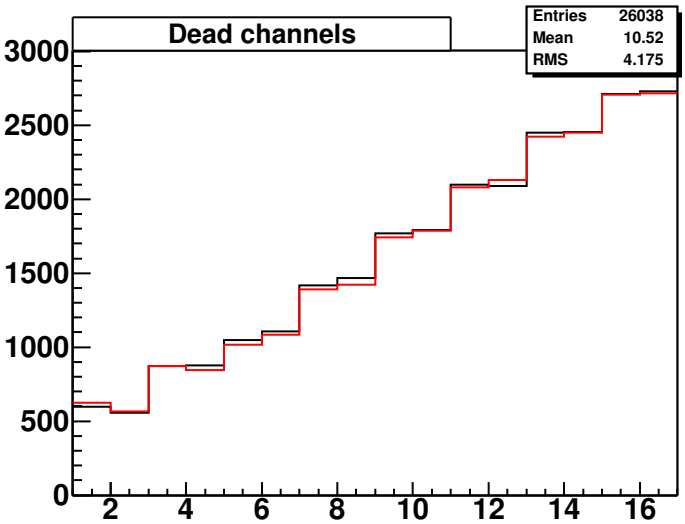
6
SmtClusters (allFDiskTClusters)

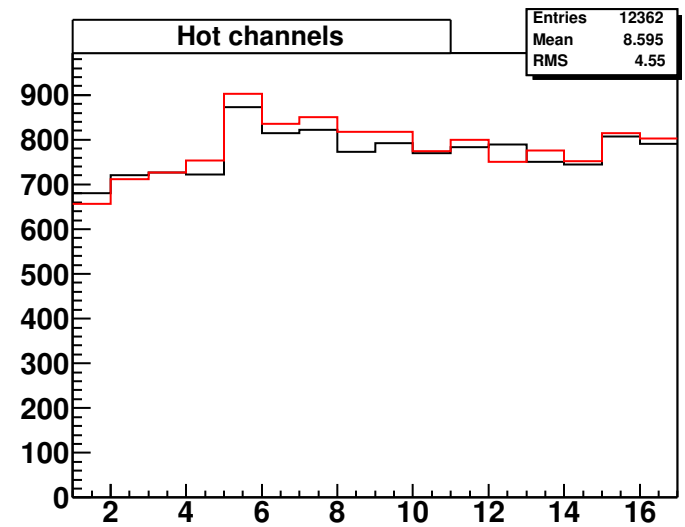

PHI HDisk All
Entries 0
Mean 0
RMS 0
1
0.5
0
-0.5
-1
0
1
2
3
4
5
6
SmtClusters (allHDiskTClusters)



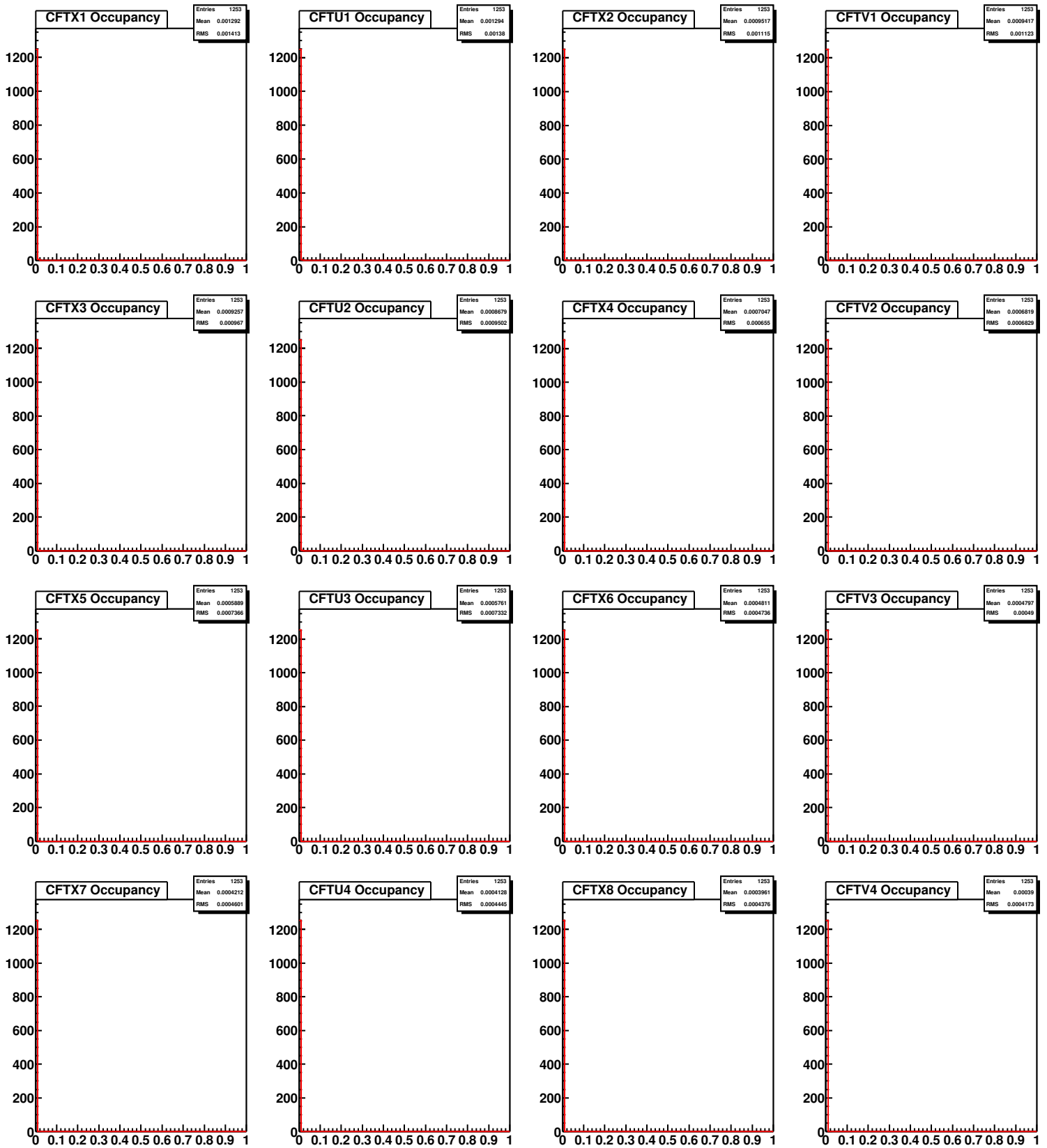




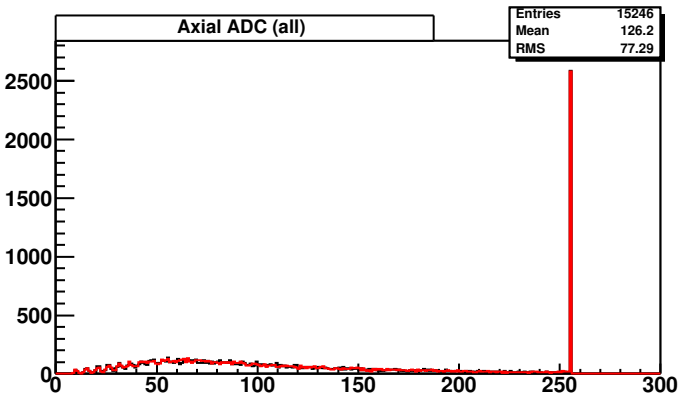


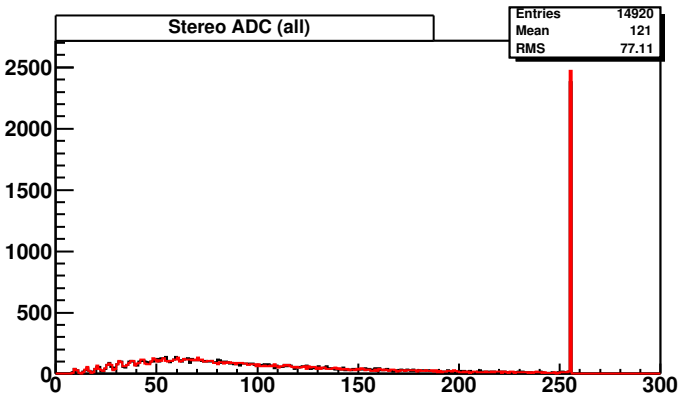


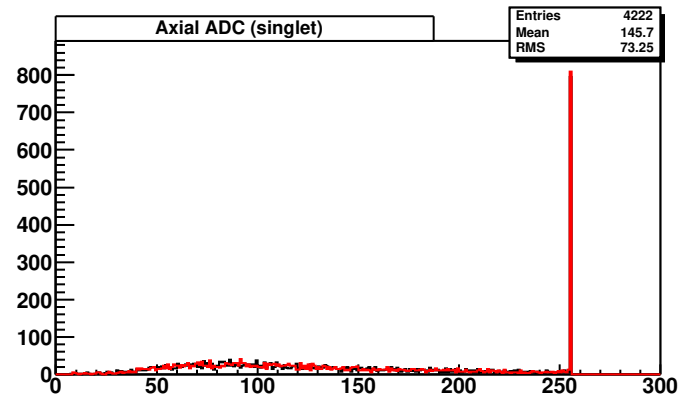
CFT Summary (All Clusters)

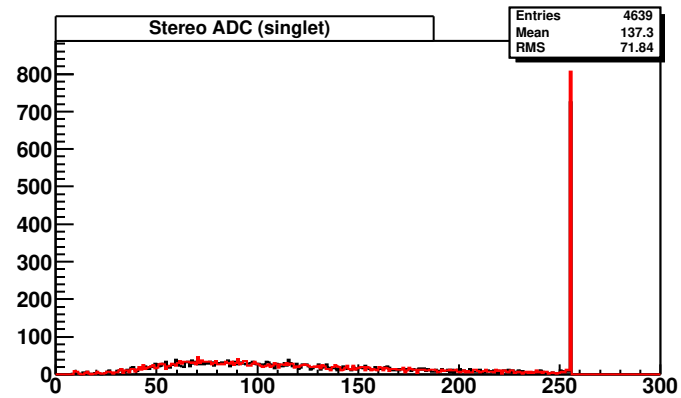


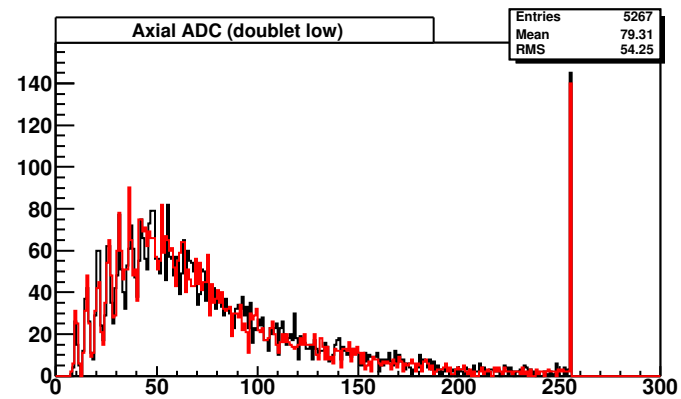
Cft Occupancy (All Clusters)

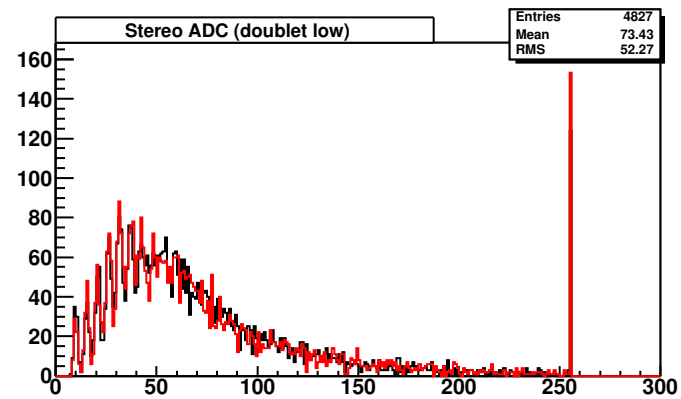


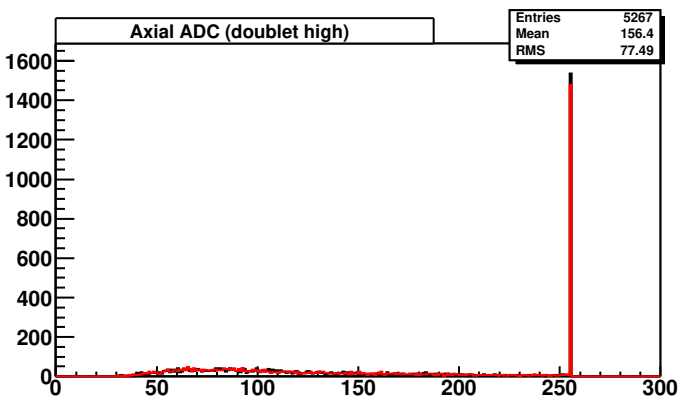


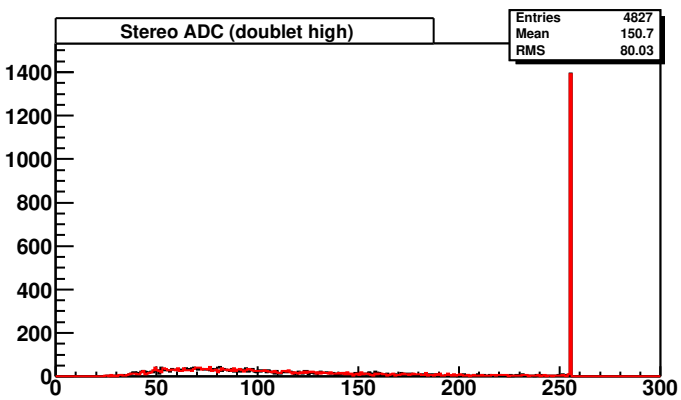




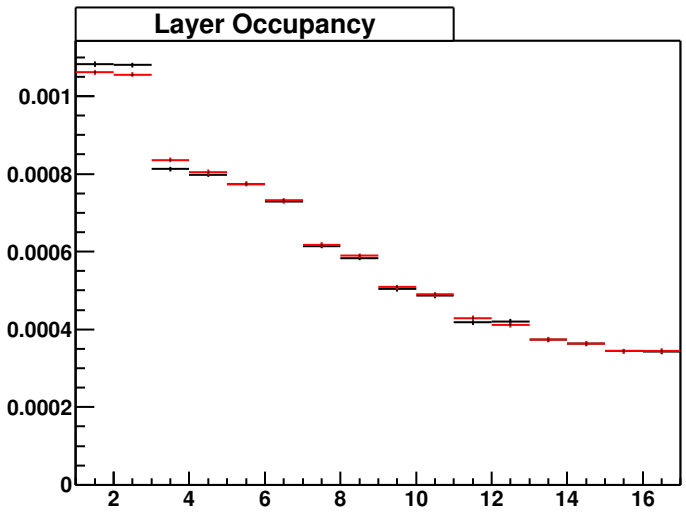


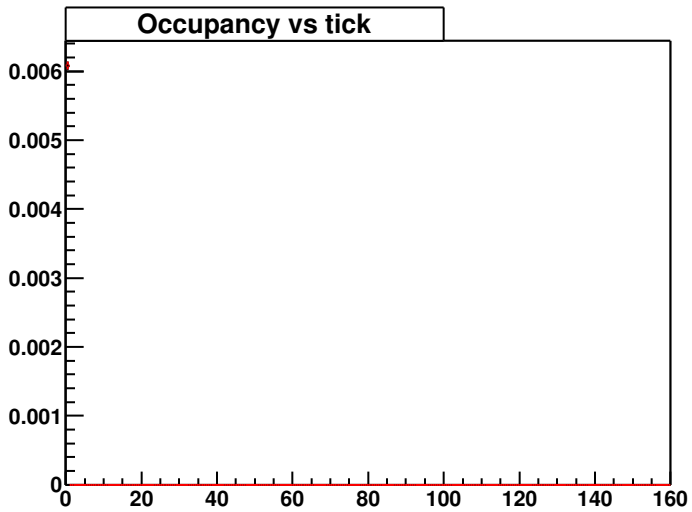


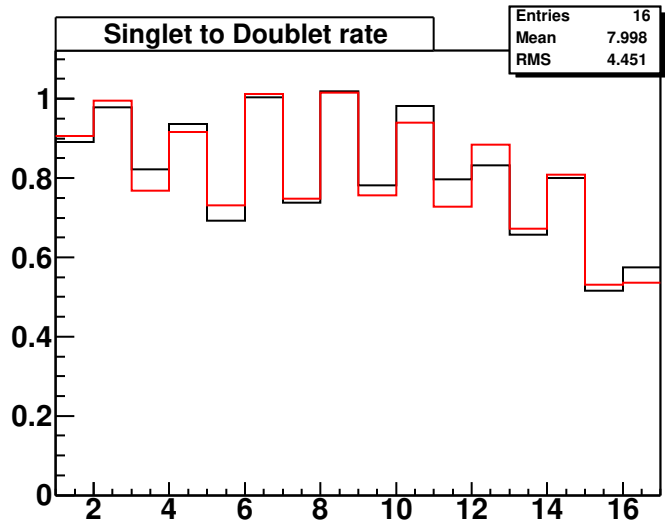


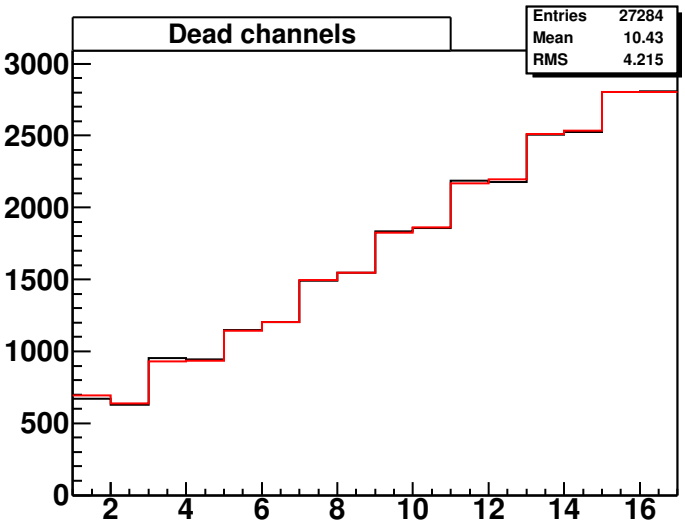


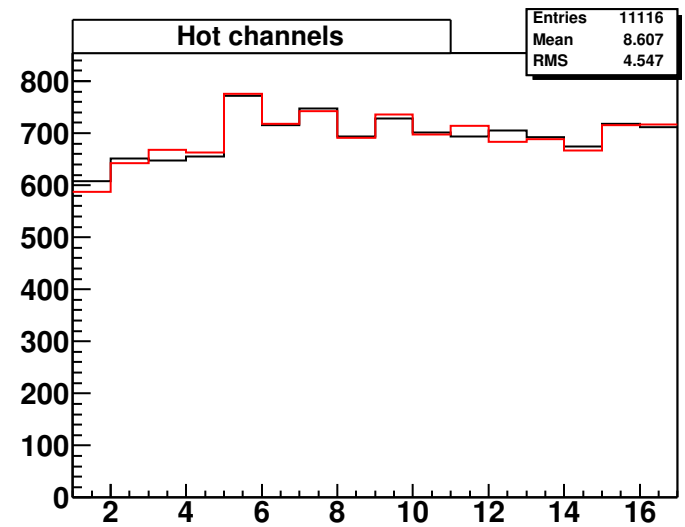
CFT ADC Summary (All Clusters)



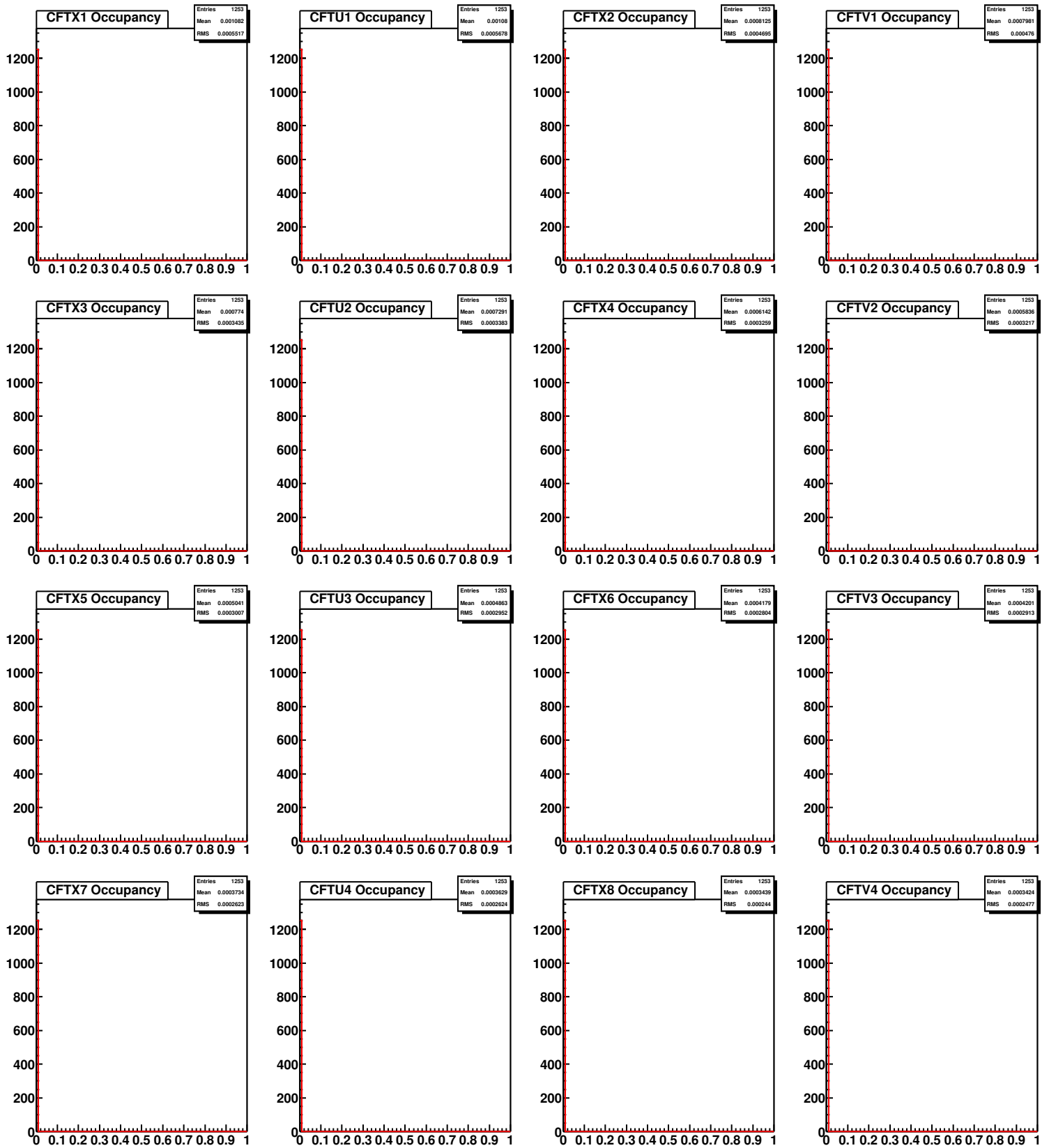




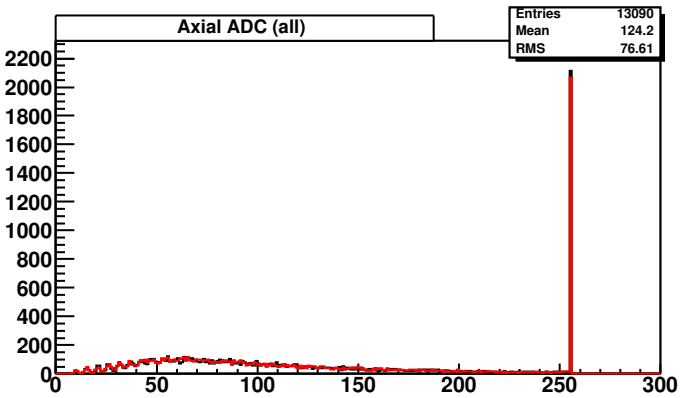


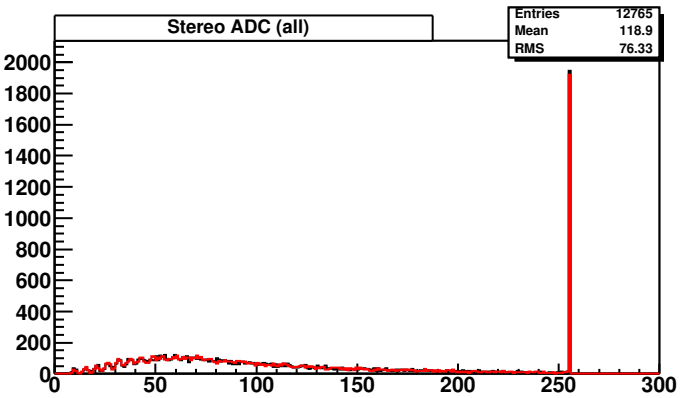


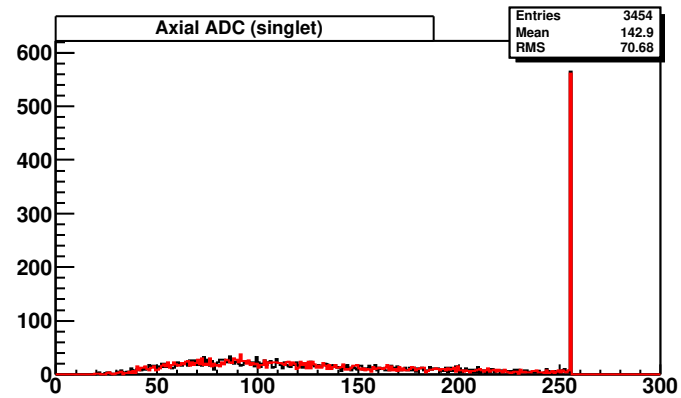
CFT Summary (Clusters on tracks)

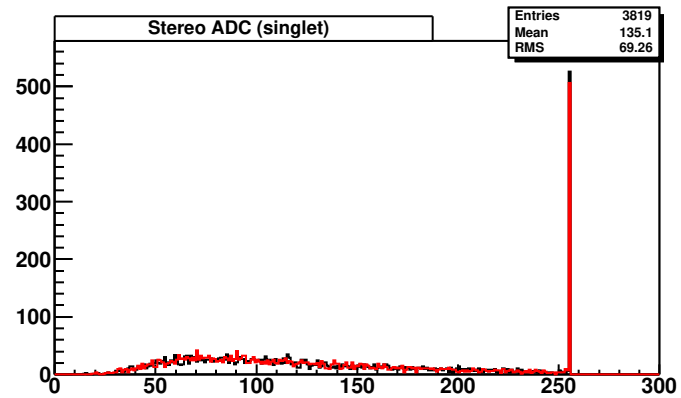


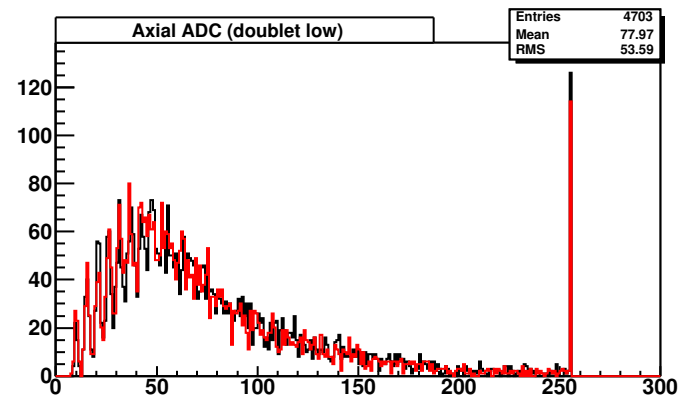
Cft Occupancy (Clusters on tracks)

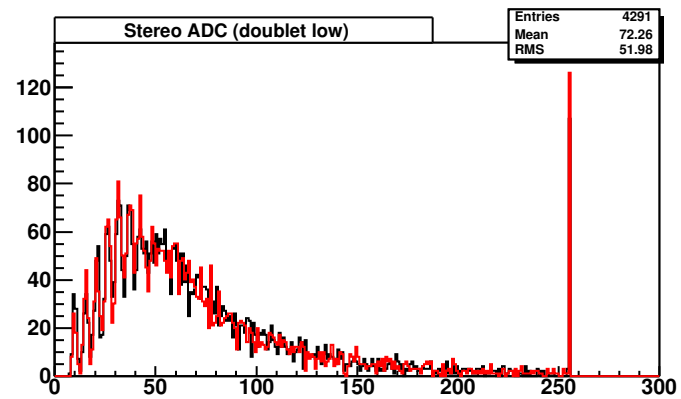


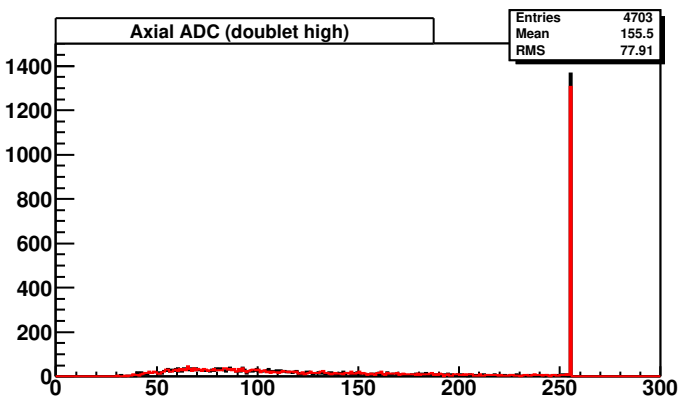


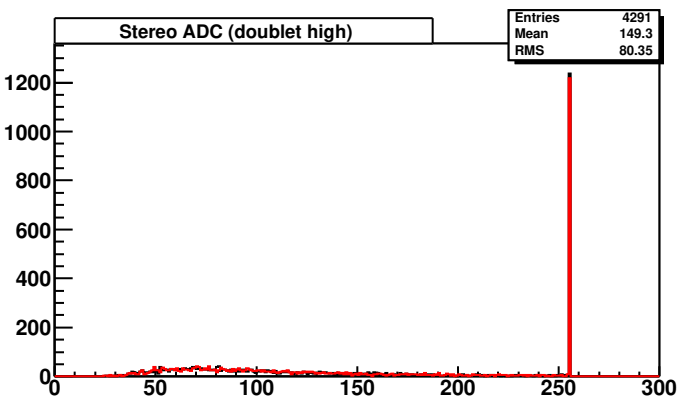




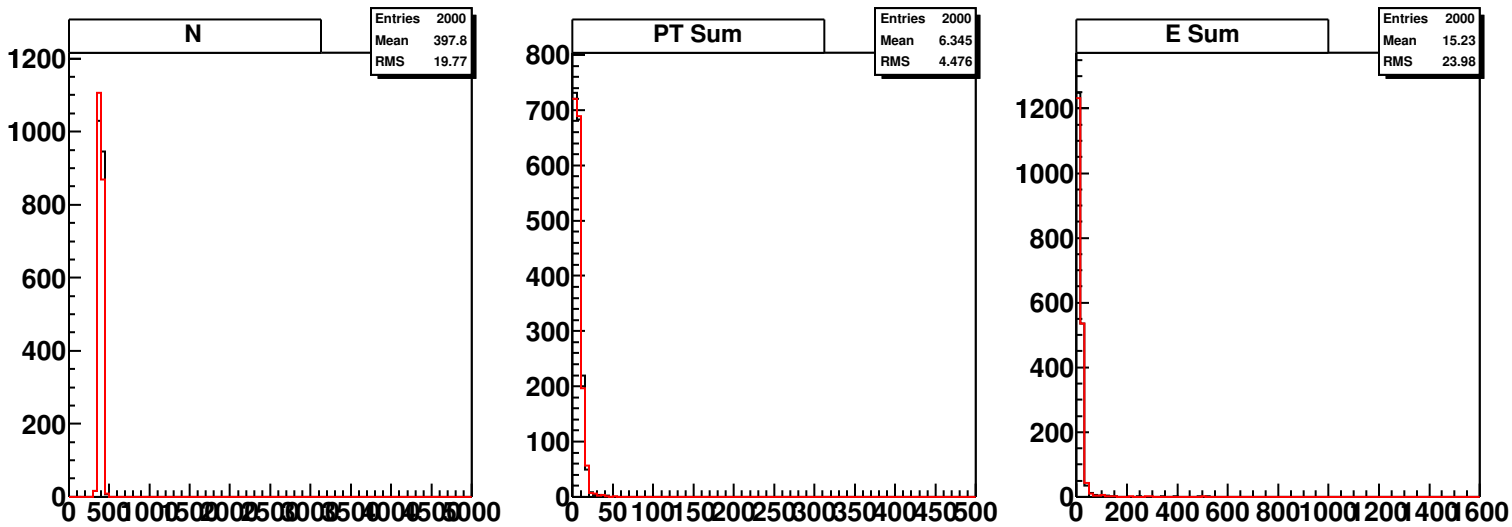


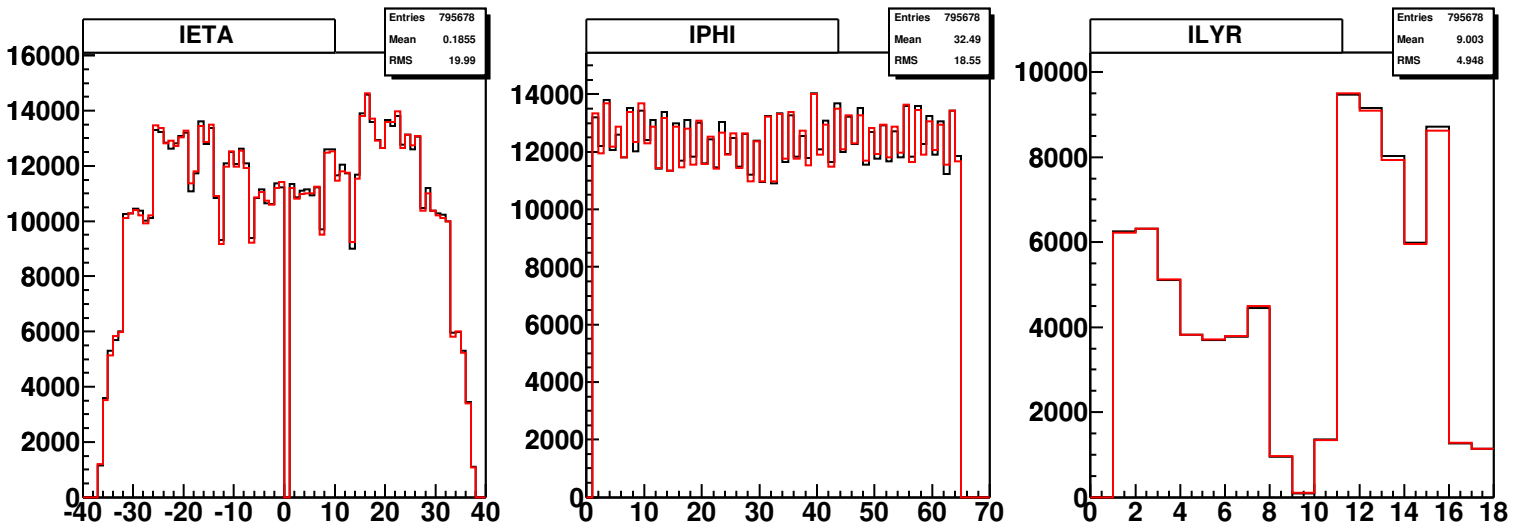


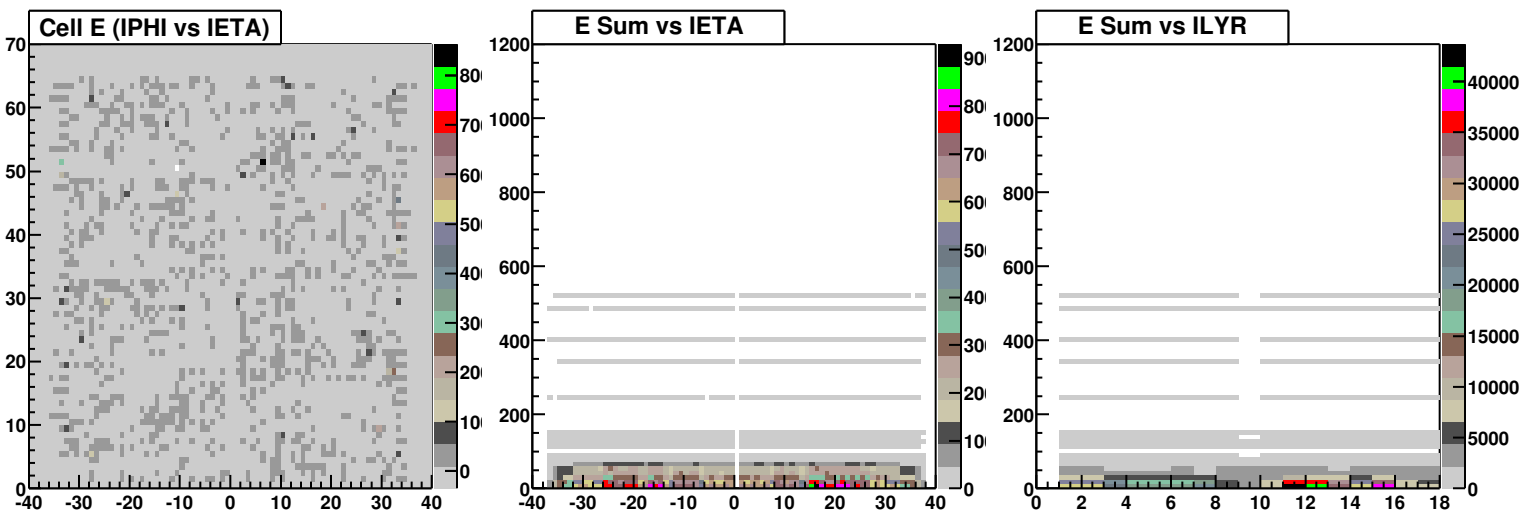




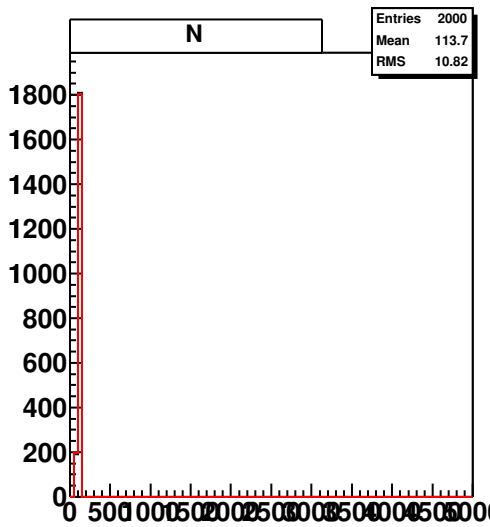
CFT ADC Summary (Clusters on tracks)

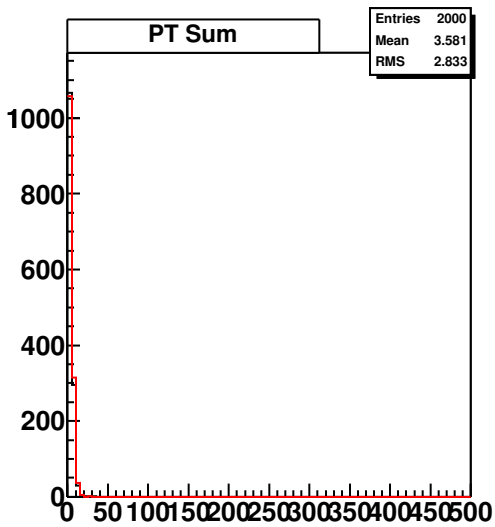


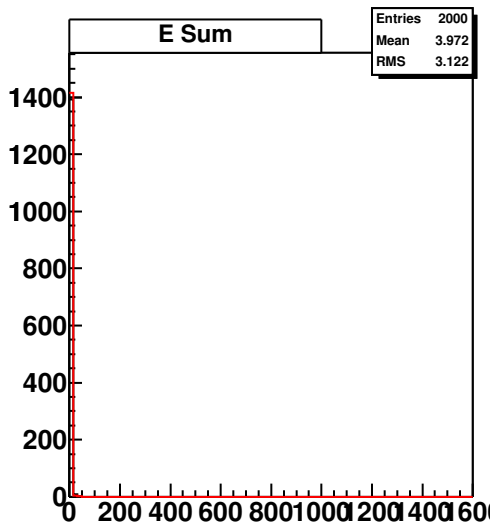


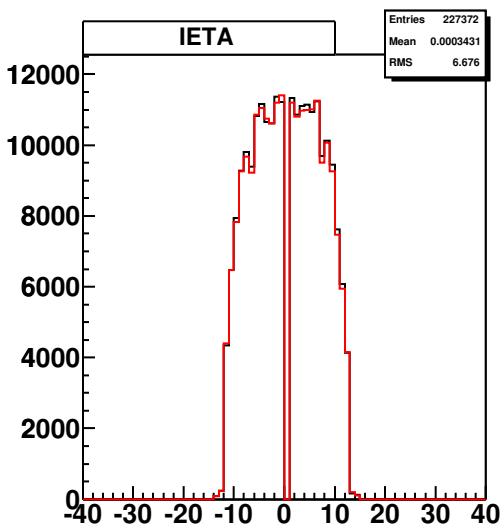


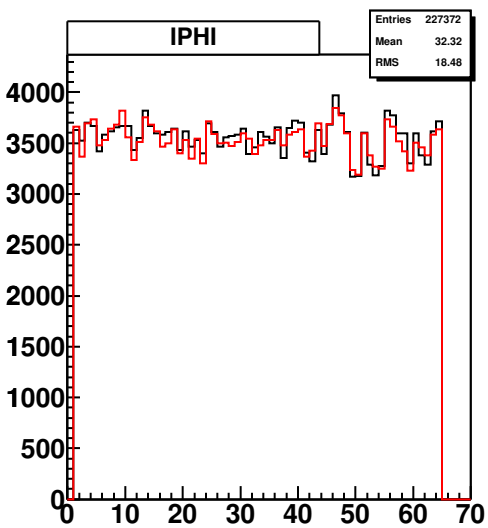
Calorimeter (All cells)

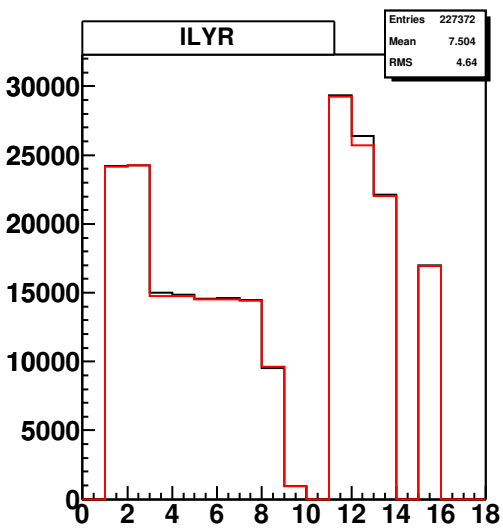


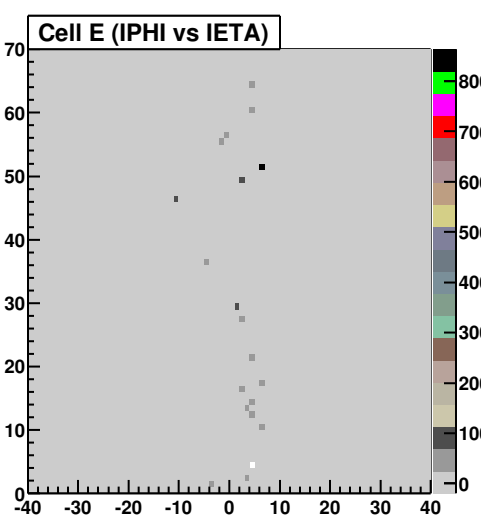


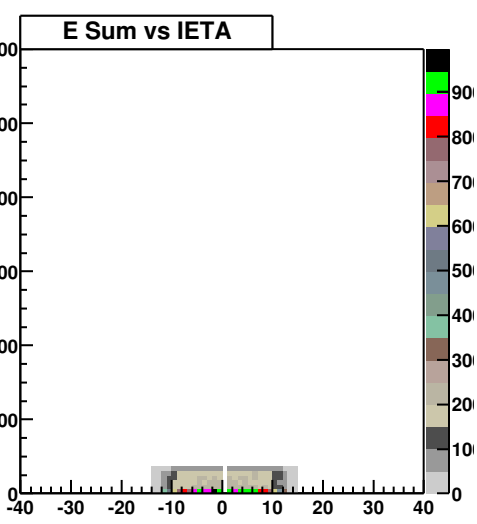


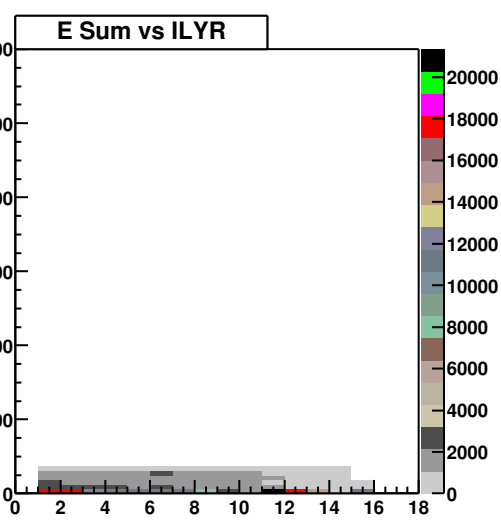




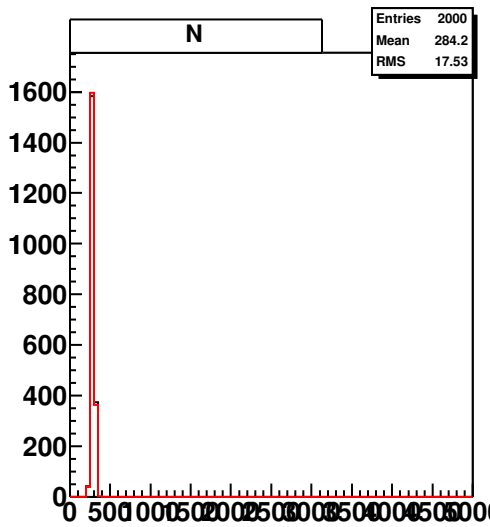


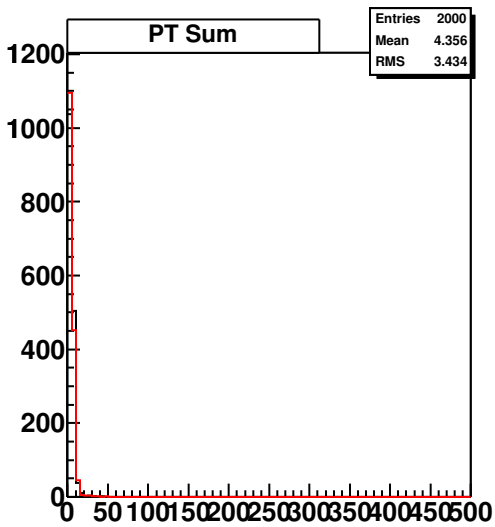


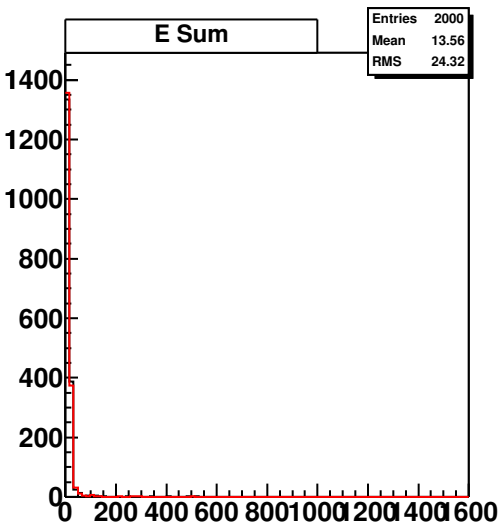


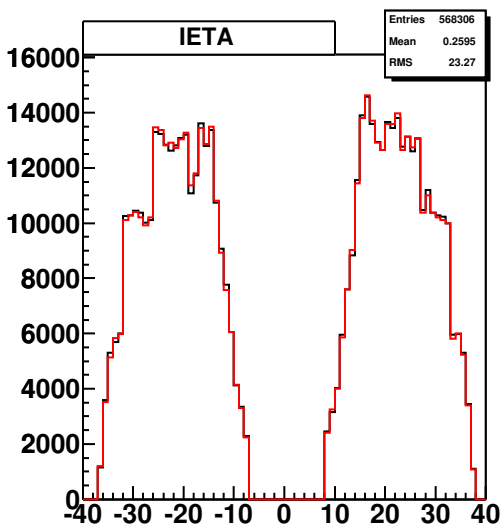


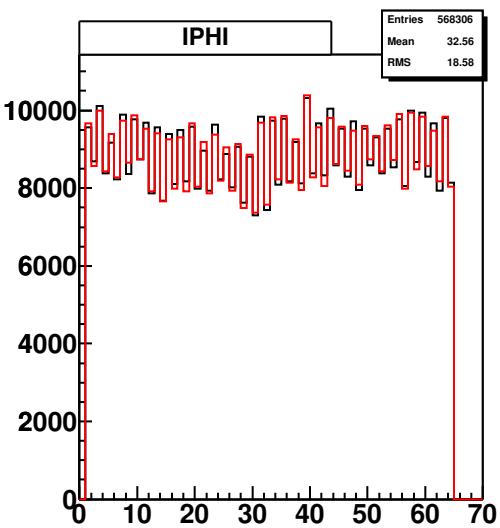
Calorimeter (All CC cells)

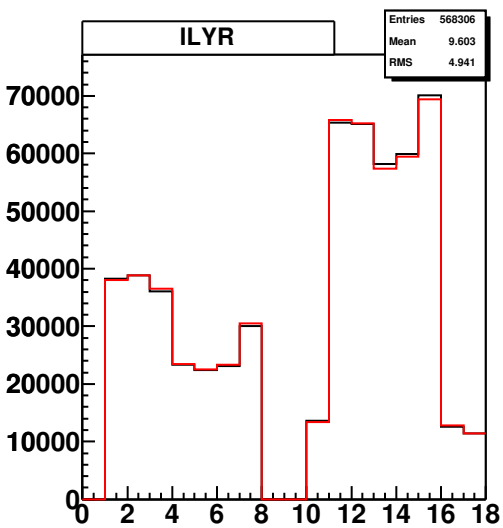


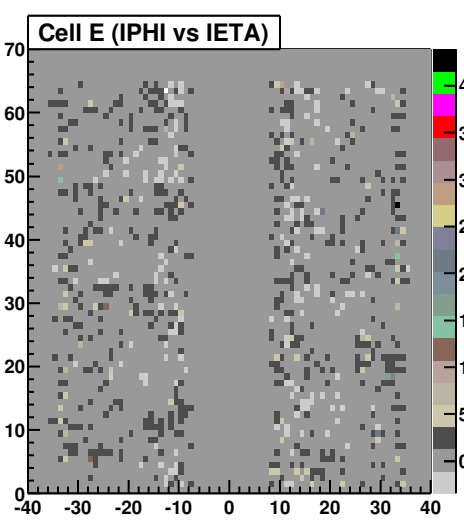


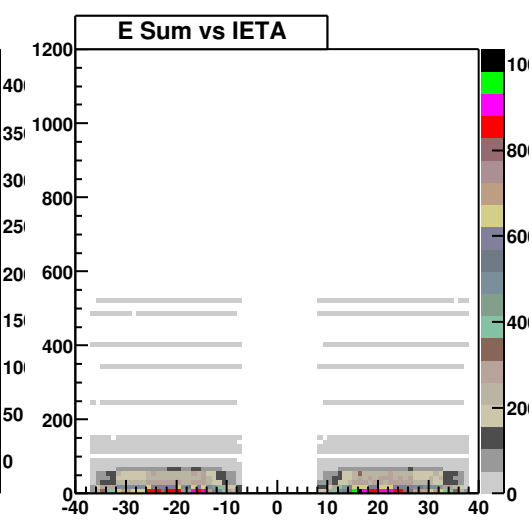


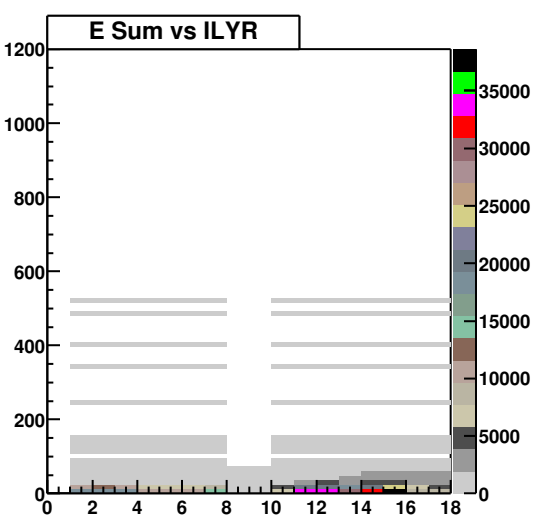




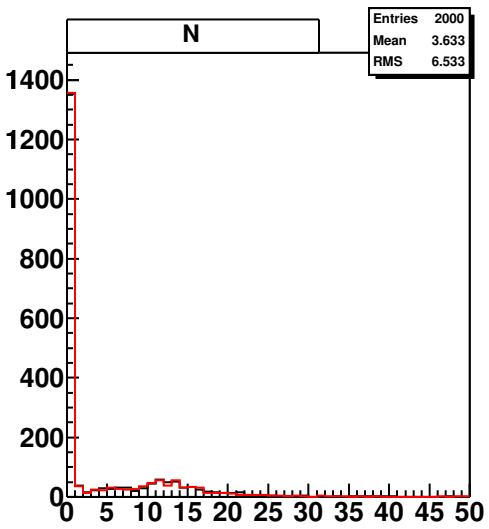


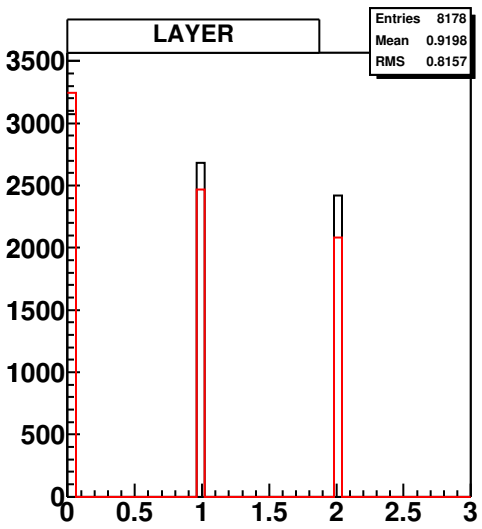


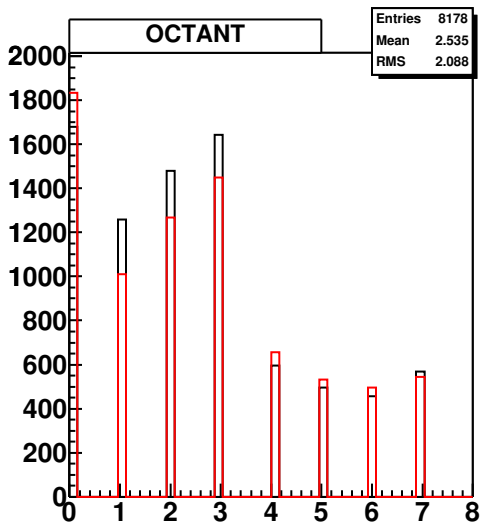


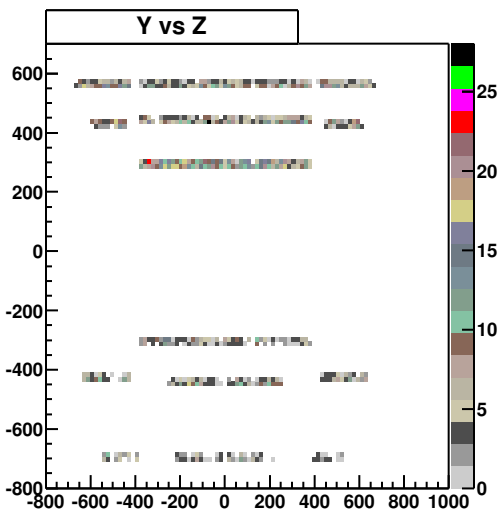


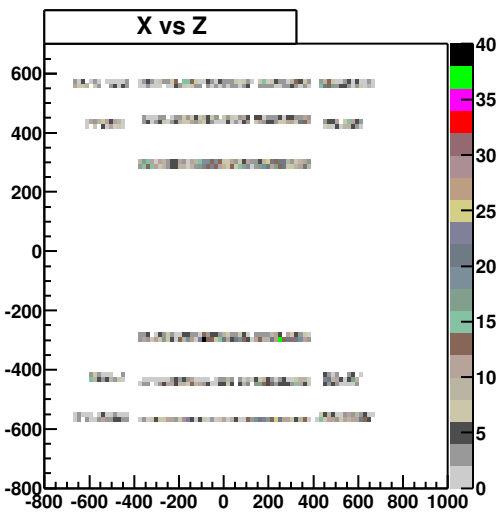
Calorimeter (All EC cells)

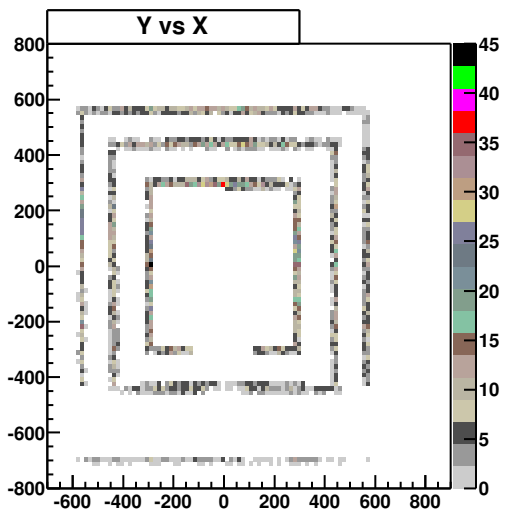

N
Entries 2000
Mean 3.633
RMS 6.533

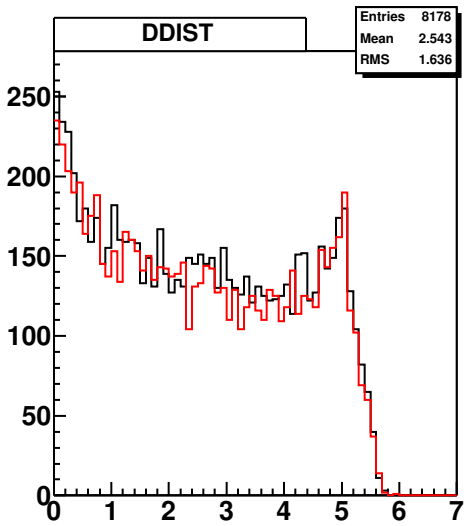

LAYER
Entries 8178
Mean 0.9198
RMS 0.8157

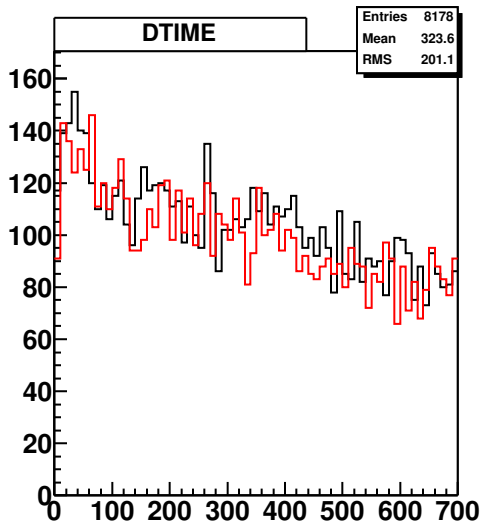

OCTANT
Entries 8178
Mean 2.535
RMS 2.088


Y vs Z

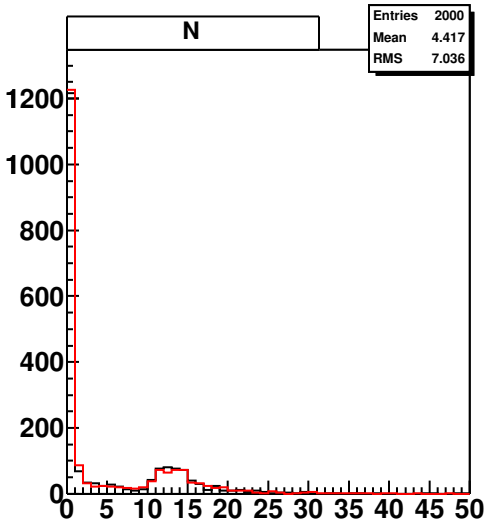

X vs Z

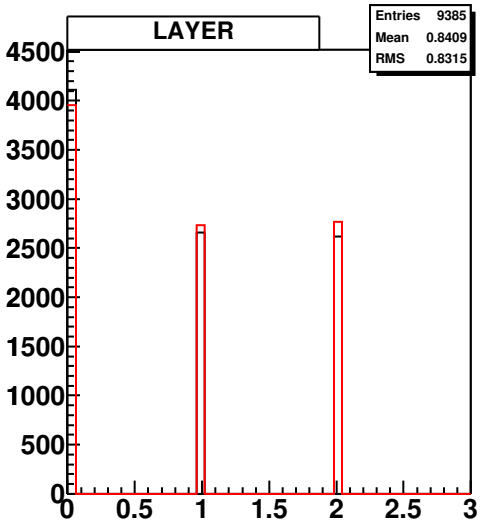

Y vs X

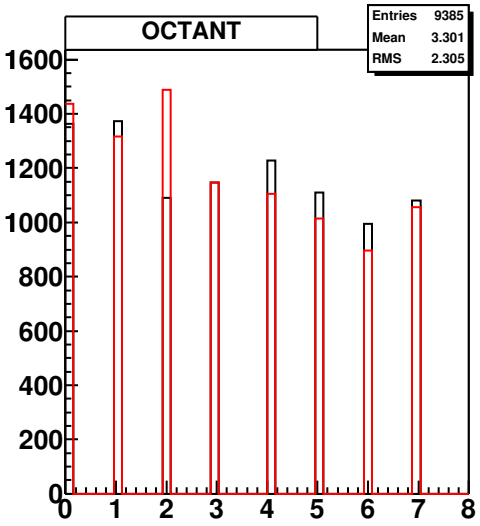

DDIST
Entries 8178
Mean 2.543
RMS 1.636

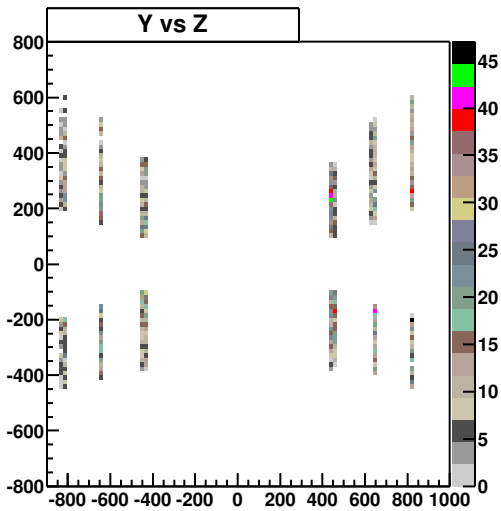

DTIME
Entries 8178
Mean 323.6
RMS 201.1

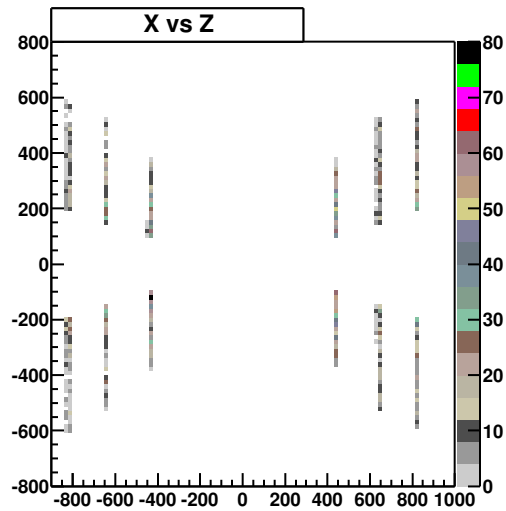
MuonPDT (All)

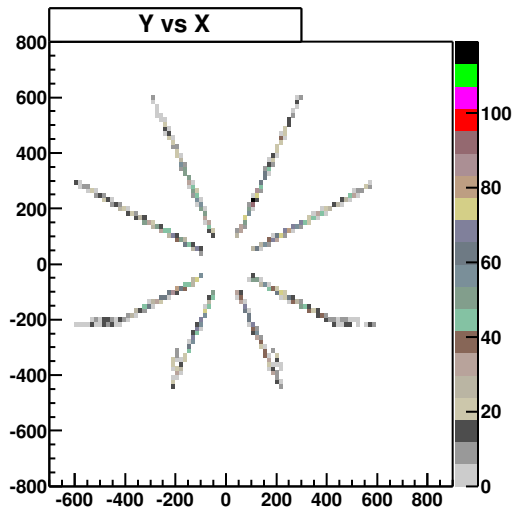

N
Entries 2000
Mean 4.417
RMS 7.036

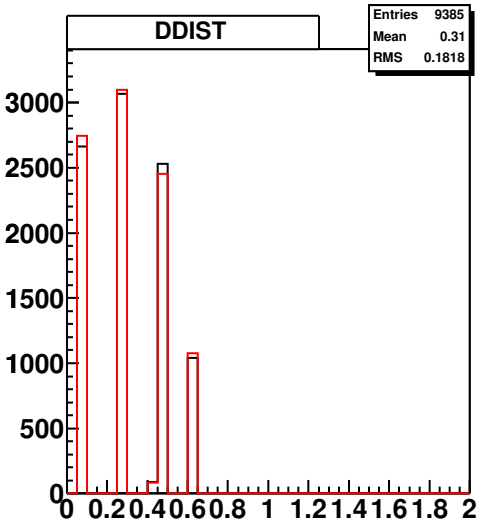

LAYER
Entries 9385
Mean 0.8409
RMS 0.8315

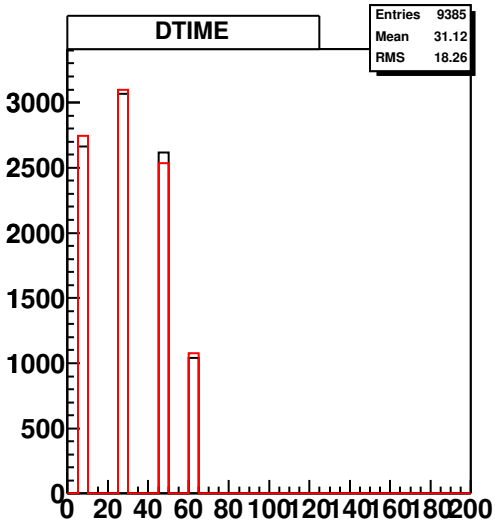

OCTANT
Entries 9385
Mean 3.301
RMS 2.305


Y vs Z

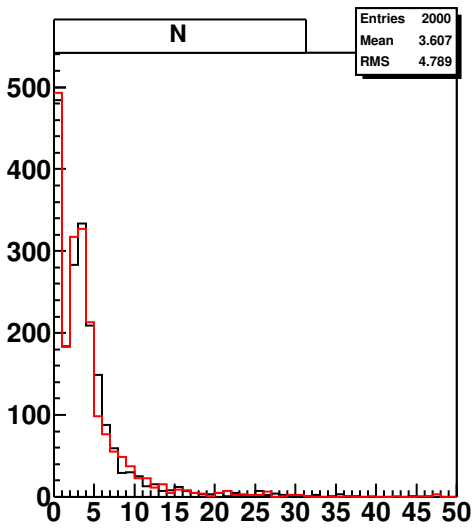

X vs Z

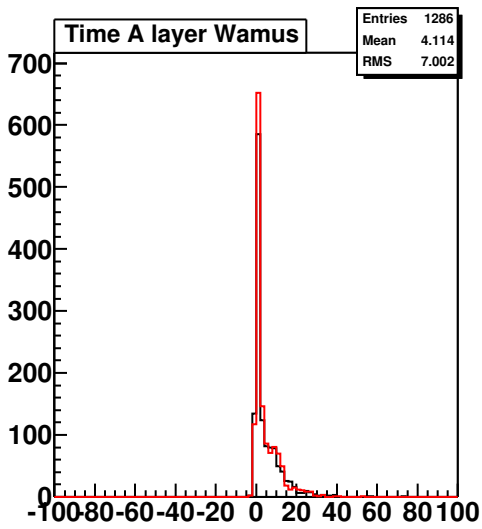

Y vs X

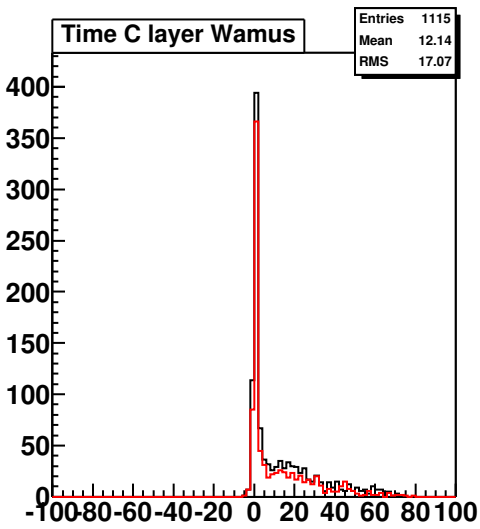

DDIST
Entries 9385
Mean 0.31
RMS 0.1818

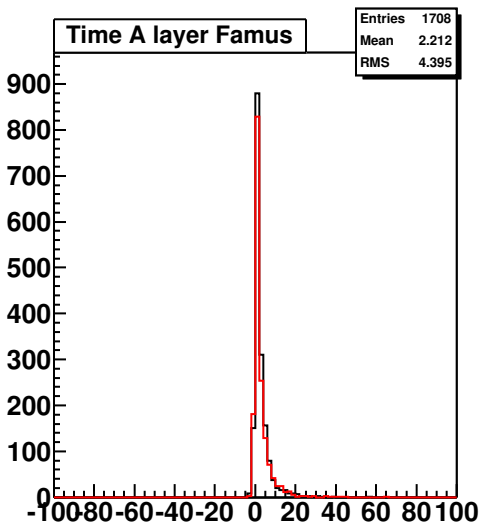

DTIME
Entries 9385
Mean 31.12
RMS 18.26

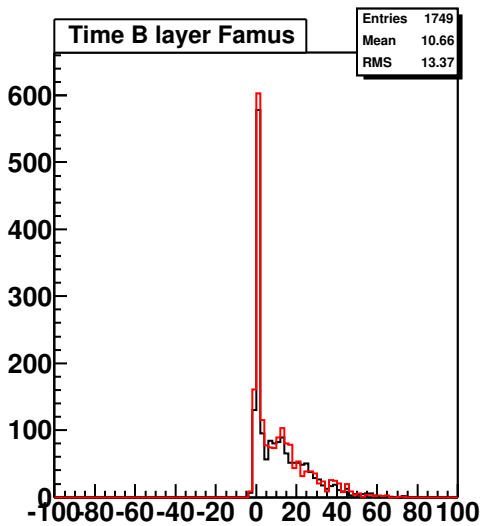
MuonMDT (All)

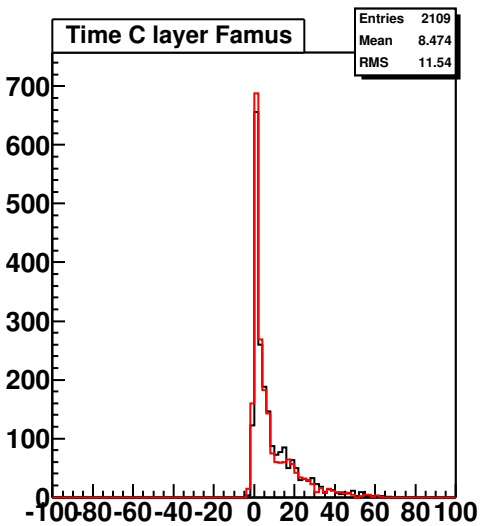

N
Entries 2000
Mean 3.607
RMS 4.789

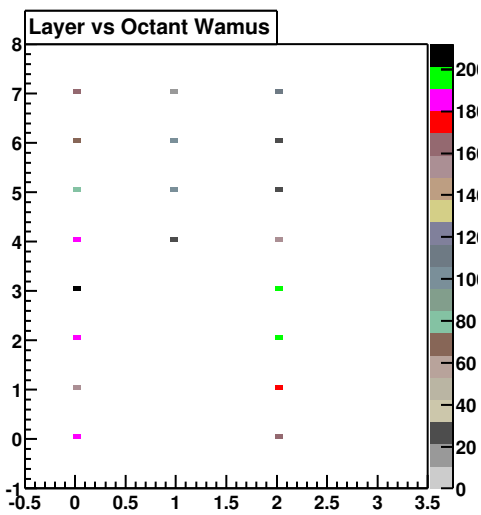

Time A layer Wamus
Entries 1286
Mean 4.114
RMS 7.002

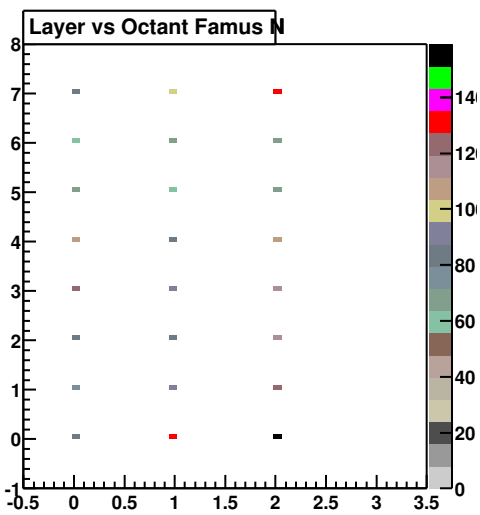

Time C layer Wamus
Entries 1115
Mean 12.14
RMS 17.07

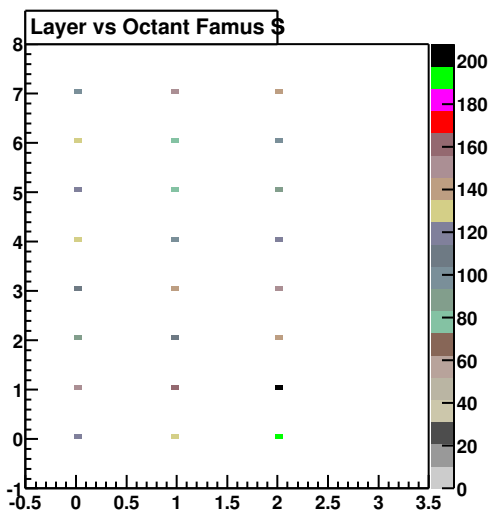

Time A layer Famus
Entries 1708
Mean 2.212
RMS 4.395


Time B layer Famus
Entries 1749
Mean 10.66
RMS 13.37

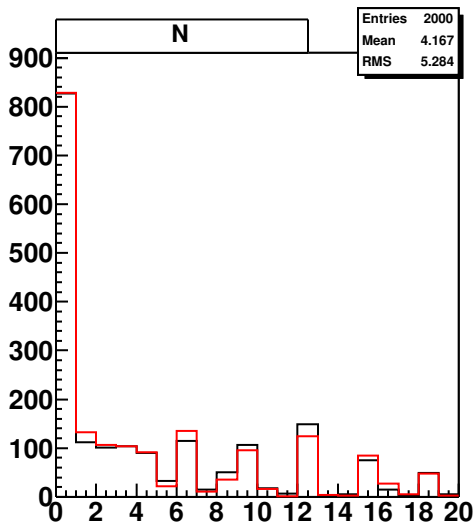

Time C layer Famus
Entries 2109
Mean 8.474
RMS 11.54

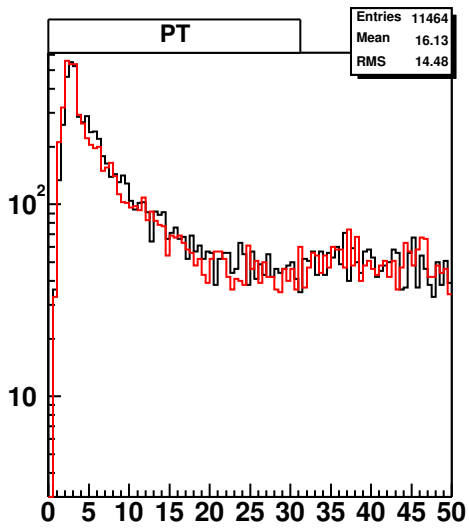

Layer vs Octant Wamus

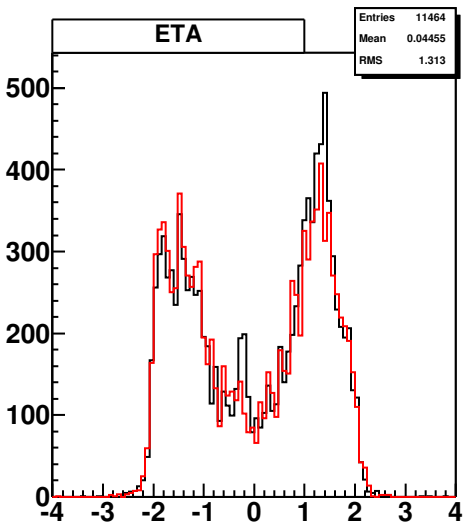

Layer vs Octant Famus N

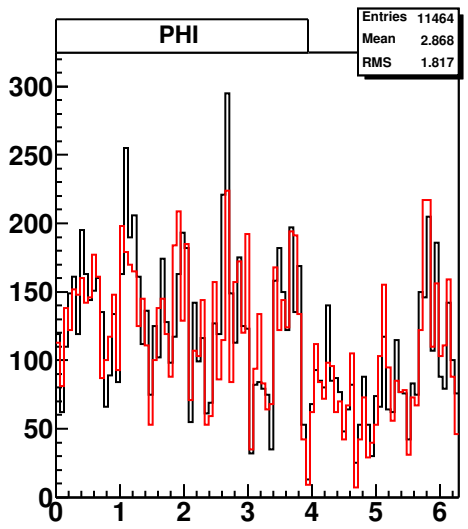

Layer vs Octant Famus $

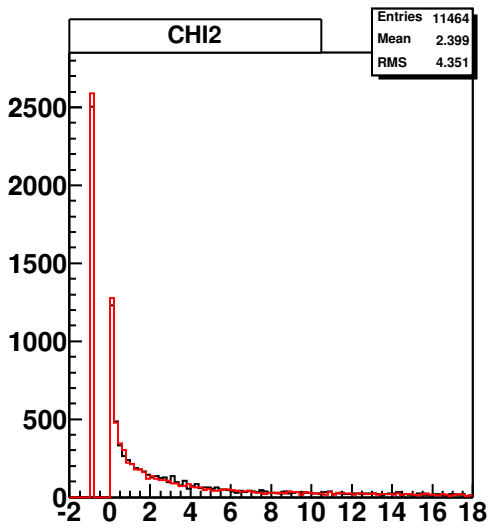
MuonMSC (All)

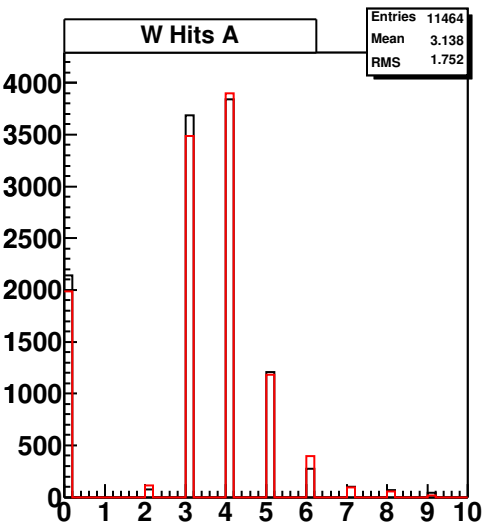


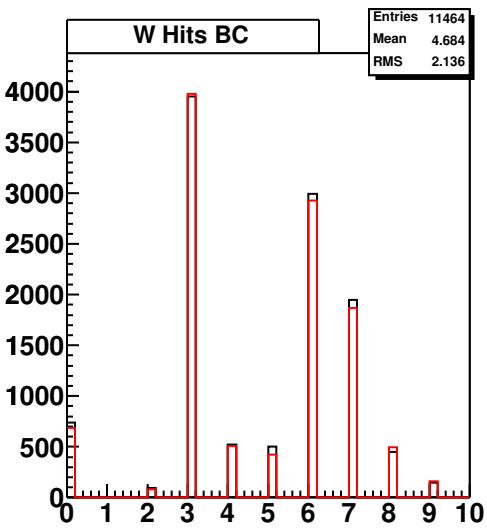


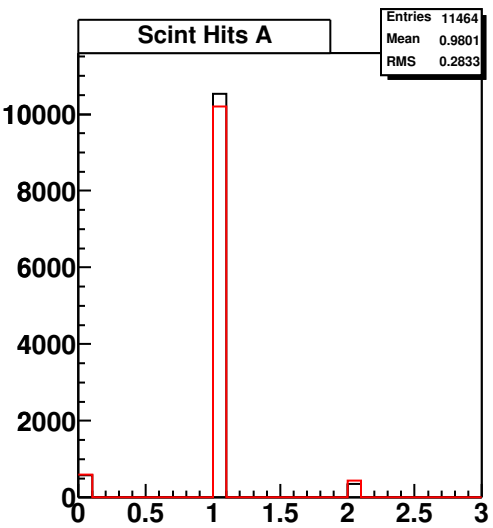


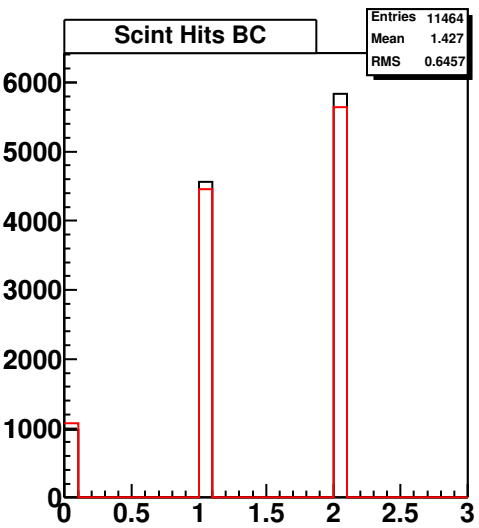




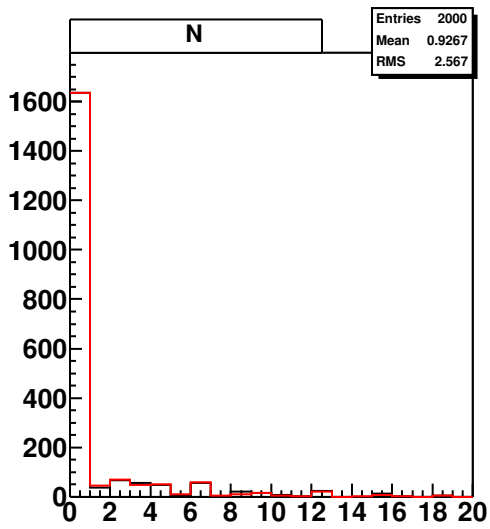


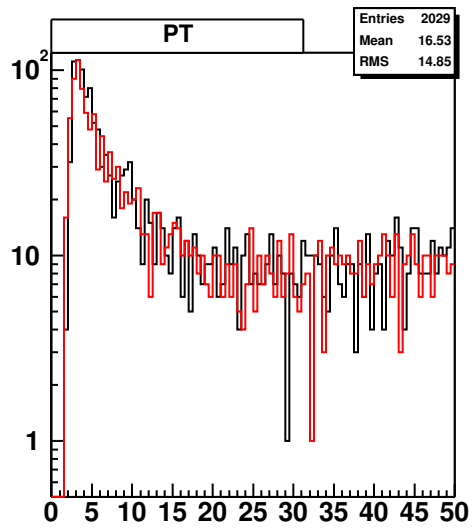


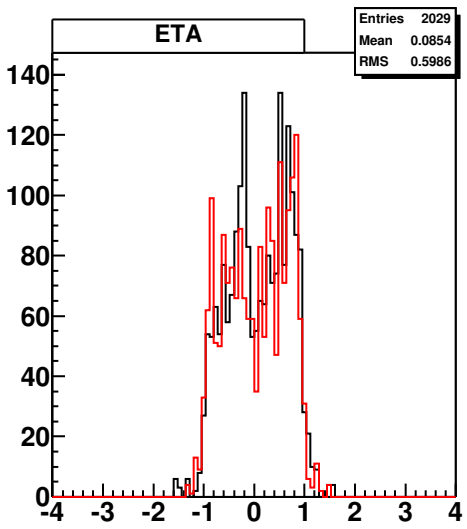


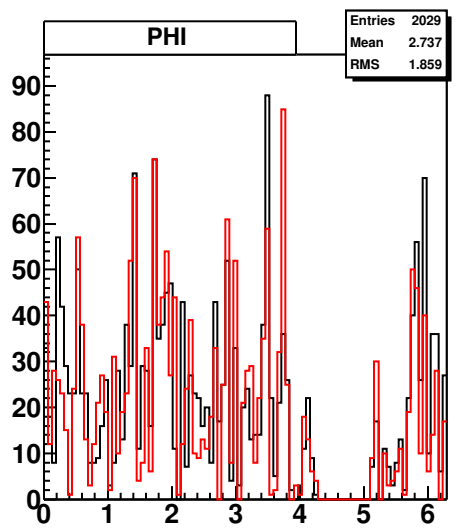


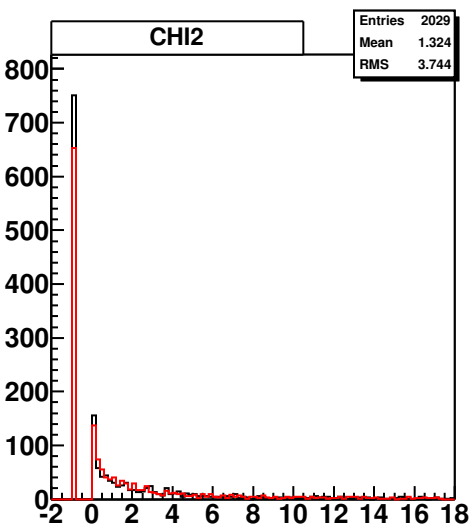
Muon Local Tracks (All)

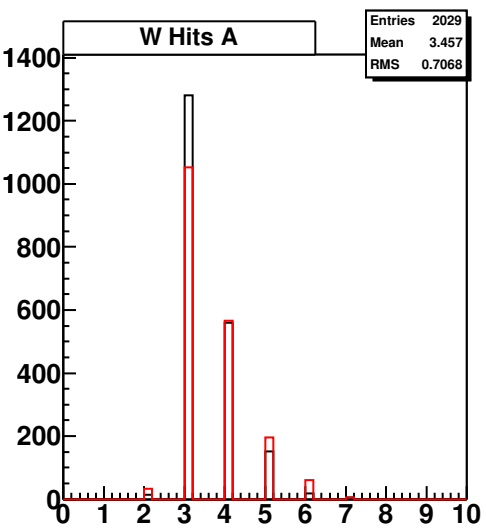


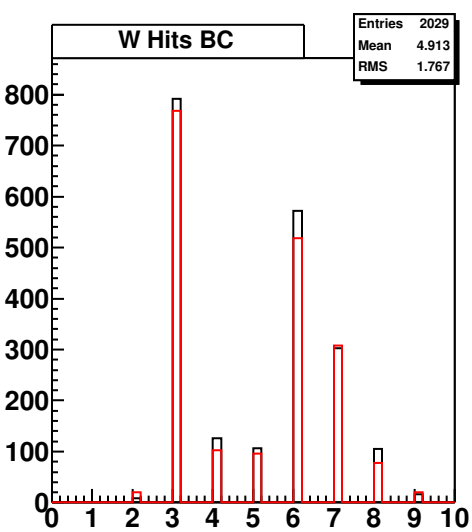


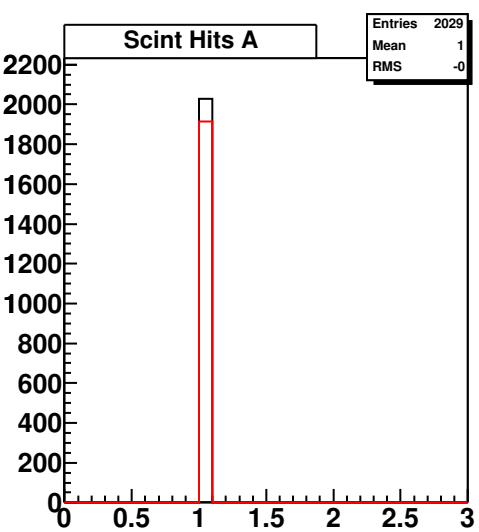


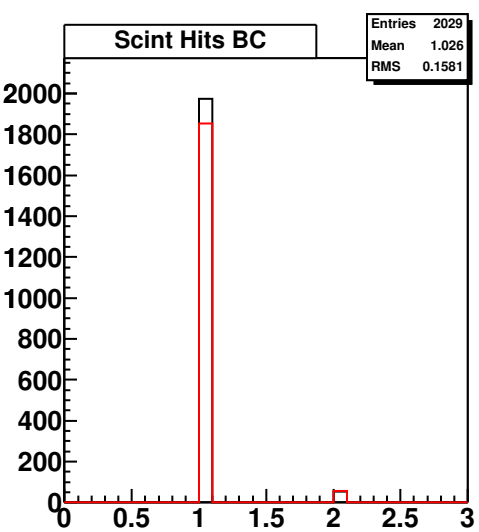




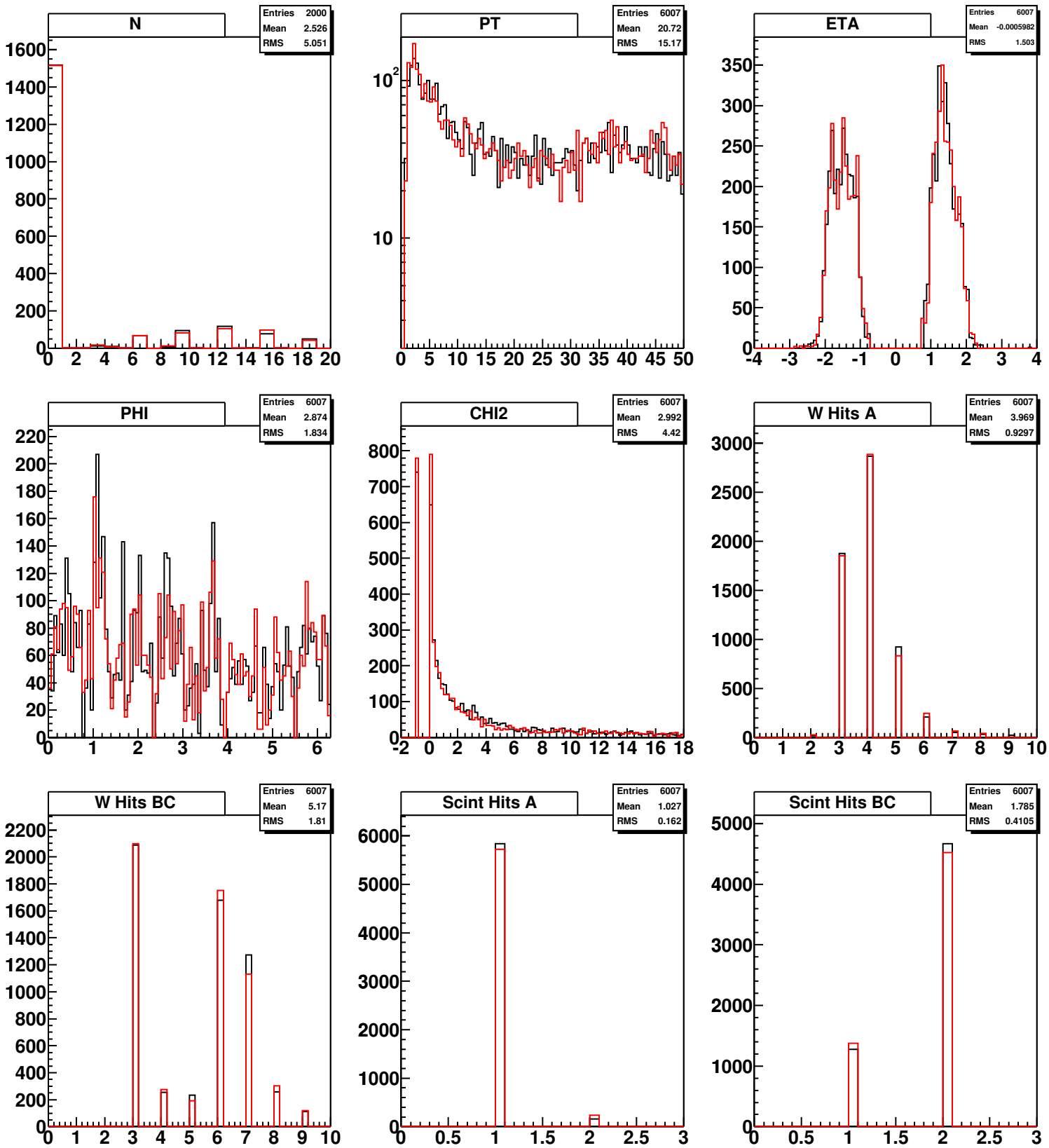








Muon Local Tracks (MediumWamus)



Muon Local Tracks (MediumFamus)